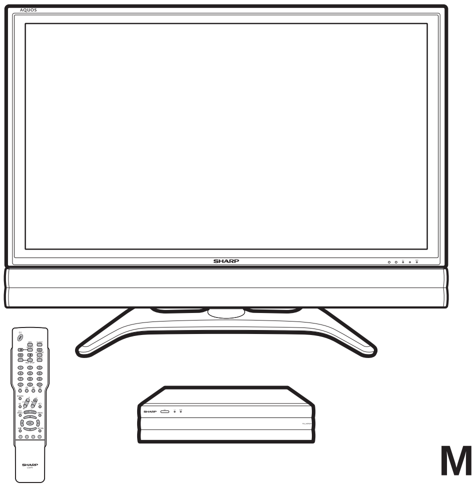
SHARP SERVICE MANUAL

S15D9LC45GD1E



LCD COLOUR TELEVISION

AVC System

TU-45GD1E

Display

MODELS **LC-45GD1E**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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- SCHEMTIC DIAGRAM D1-D143

SHARP CORPORATION

IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.

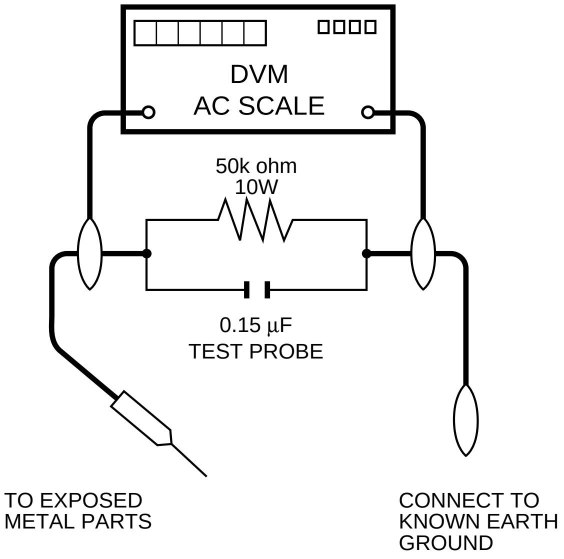
TU-45GD1E : F701 (2A, 250V), F702 (1A, 250V), F703 (2A,250V, 117°C)
LC-45GD1E : F7003 (2A, 250V), F7004 (1A, DC 450V)
F7301, F7302, F7401, F7402, F7501, F7502, F7601, F7602 (4A,250V)
F7801 (6.3A, 250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 220~240 volt AC outlet.
- Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD colour television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠" and shaded areas in the **Replacement Parts List** and **Schematic Diagrams.**
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

1 Employing lead-free solder

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.
Example:

LFa

Sn-Ag-Cu Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

Specifications

Item				**45" LCD COLOUR TV, Model:LC-45GD1E (Display) TU-45GD1E (AVC System)**
LCD panel				45" Advanced Super View & BLACK TFT LCD
Number of dots				6,220,800 dots (1920 x 1080 x 3 dots)
Video Colour System				PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60
TV Function	TV-Standard	Analogue		CCIR (B/G, I, D/K, L, L')
		Digital		DVB-T (2K/8K OFDM)
	Receiving Channel	VHF/UHF		E2–E69ch, F2–F10ch, I21–I69ch, IR A–IR Jch, (Digital: E5-E69ch)
		CATV		Hyper-band, S1–S41ch
	TV-Tuning System			Auto Preset 99 ch, Auto Label, Auto Sort
	STEREO/BILINGUAL			NICAM/A2
Brightness				450 cd/m^2
Viewing angles				H : 170° V : 170°
Audio amplifier				10W x 2
Speakers				Ø 8 cm 2pcs, Ø 2.5 cm 2pcs
Terminals	AVC System	Rear	ANTENNA IN	UHF/VHF 75 Ω Din type (Analogue)
			ANTENNA IN	UHF/VHF 75 Ω Din type (Digital)
			ANTENNA OUT	UHF/VHF 75 Ω Din type
			INPUT 1	SCART (AV input, RGB input, TV output)
			INPUT 2	SCART (AV input/output, Y/C input, AV Link)
			INPUT 3	SCART (AV input/output, Y/C input, RGB input), RCA pin (Component input)
			INPUT 5	Ø 3.5 mm jack (Audio input), DVI-I (DVI-I input)
			AV OUTPUT	RCA pin (AV output [Audio: Variable/Fixed])
			DC OUTPUT	DC9V 7W MAX
			SPEAKER-B	External speaker output terminal (L and R)
			CENTRE CHANNEL INPUT	RCA pin (Audio input)
			Digital-AUDIO OUTPUT	Square type optical digital audio connector (S/PDIF)
			C. I. (Common Interface)	EN50221, R206001
			RS-232C	D-sub 9pin male connector
		Front	INPUT 4	S-VIDEO (Y/C input), RCA pin (AV input)
			Headphones	Ø 3.5mm jack (Audio output)
			PC Card slot	PC Card Type II (PC Card Adapter)
OSD language				English/German/French/Italian/Spanish/Dutch/Swedish/Portuguese/Finnish/Turkish
Power Requirement				AC 220–240 V, 50 Hz
Power Consumption	AVC System			52 W (0.6 W Standby)
	Display			240 W (0.9 W Standby) (Method IEC60107)
Weight	AVC System			7.2 kg (w/o stand), 7.4 kg (with stand)
	Display			22.4 kg (Display only), 26.8 kg (with Display and speakers), 31 kg (with Display, speakers and stand)
Accessories				Operation manual, Remote control unit (x 1), System cable (x 1), AC cord (x 2), "AAA" size battery (x 2), AVC system stand unit (x 1), Cable clamp (x 1), Antenna cable (x 1)

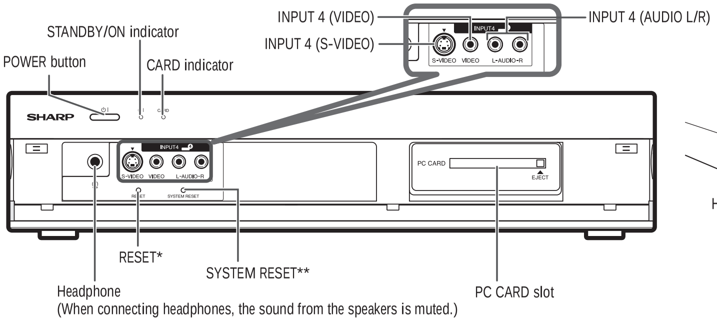
- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

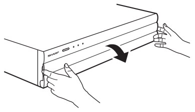
Operation Manual (TU-45GD1E)

Part names

AVC System

Front view


STANDBY/ON indicator
POWER button
CARD indicator
INPUT 4 (VIDEO)
INPUT 4 (S-VIDEO)
INPUT 4 (AUDIO L/R)
SHARP
PC CARD
EJECT
RESET*
SYSTEM RESET**
Headphone
(When connecting headphones, the sound from the speakers is muted.)
PC CARD slot



How to open the door.

* Press **RESET** if the system cannot return to its original state after performing various operations. This will reset the System as shown below.

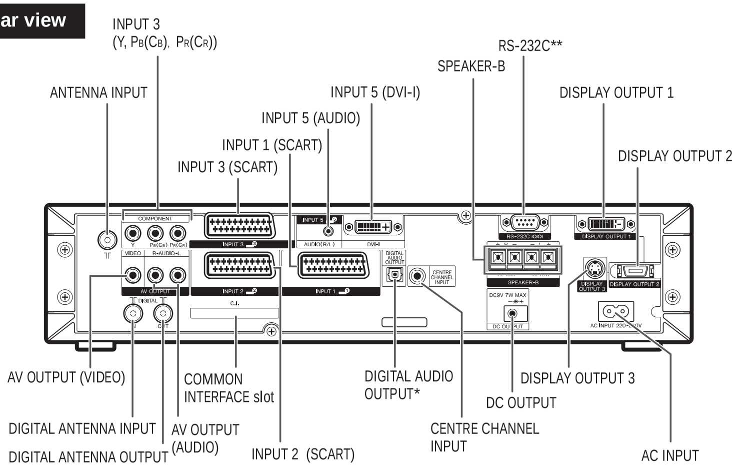
- AV MODE resets to USER.
- Analogue TV channel resets to channel 1.
- Dual screen resets to normal.
- Audio setting initialises.
- Dolby Virtual resets to Off.
- Image position is initialised.
- Still image mode deactivates.
- Teletext mode resets to normal.
- Speaker setting resets to SPEAKER-A.
- Audio Out setting resets to Fixed.
- Centre Channel Input setting resets to Off.
- Audio Only setting resets to Off.

** Press **SYSTEM RESET** if the system does not operate after starting up.

NOTE

- Pressing **RESET** will not work if the System is in standby mode (indicator lights red).
- Pressing **RESET** will not delete channel preset and PIN.

Rear view


INPUT 3
(Y, PB(CB), PR(CR))
ANTENNA INPUT
INPUT 5 (DVI-I)
INPUT 5 (AUDIO)
INPUT 1 (SCART)
INPUT 3 (SCART)
SPEAKER-B
RS-232C**
DISPLAY OUTPUT 1
DISPLAY OUTPUT 2
AV OUTPUT (VIDEO)
COMMON INTERFACE slot
DIGITAL AUDIO OUTPUT*
DISPLAY OUTPUT 3
DC OUTPUT
DIGITAL ANTENNA INPUT
AV OUTPUT (AUDIO)
DIGITAL ANTENNA OUTPUT
INPUT 2 (SCART)
CENTRE CHANNEL INPUT
AC INPUT

*Connect a digital audio equipment.

Part names

Remote control unit

1 ⏻ I **(STANDBY/ON)**
To switch the power on and off.

2 **OPC**
To switch the Optical Picture Control on and off.

3 ◨ **(DUAL screen)**
Set the dual picture mode. Press ◨ again to return to normal view.
SELECT
To select either screen to be active in Dual screen mode.

4 ⧉ **(FREEZE/HOLD)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press ⧉ again to return to the normal image.

5 ⊞ **(WIDE MODE)**
TV/External input mode: Change the wide image mode.

TELETEXT mode: Set the area of magnification. (full/upper half/lower half)

6 **CARD**
Switch to the card mode.
Card mode: Press to turn the Card Control Panel on and off.

● **/REC STOP**
Still image: Press to capture a still image to a card after freezing the image from analogue broadcasts or external equipment.
Motion picture: Press to start/stop recording a motion picture to a card from analogue broadcasts or external equipment.

7 **0 – 9**
TV/DTV/External input mode: Set the channel.
TELETEXT mode: Set the page.

8 ⟲ **(Flashback)**
Press to return to the previous image in normal viewing mode.

9 ⊡ **(SUBTITLE for TELETEXT)**
TV/External input mode: To turn the subtitles on and off.

DTV input mode: Display the subtitle selection screen.

10 ⊡ **(Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.

11 **SOUND**
Select the sound multiplex mode.

12 ◿ – /◿ + **(VOLUME)**
Set the volume.

13 🔇 **(MUTE)**
Mute the sound.

14 **GUIDE**
DTV input mode: To display EPG (Electronic Programme Guide) screen.

15 **DTV MENU**
DTV input mode: Display the digital TV menu screen.

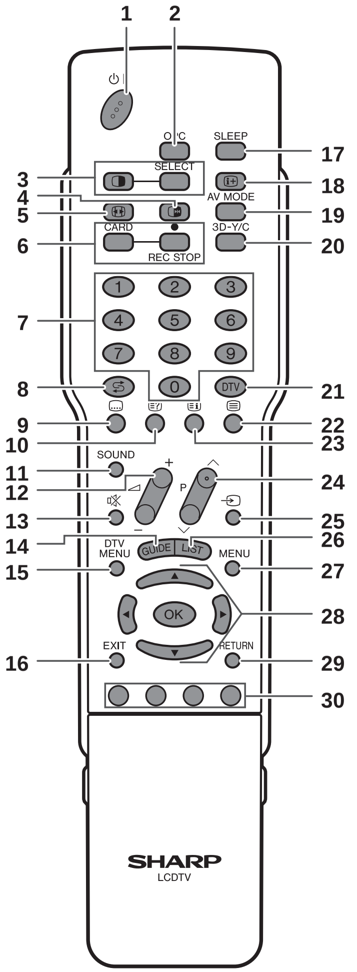
16 **EXIT**
Turn off the On Screen Display.

17 **SLEEP**
Set the Sleep timer.

18 ⊞ **(DISPLAY INFORMATION)**
Display the programme information.

19 **AV MODE**
Select a video setting: AV MODE (STANDARD, MOVIE, GAME, USER, DYNAMIC), PC MODE (STANDARD, USER)

20 **3D–Y/C**
To switch the 3D Y/C function on and off.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29
30
O/C
SLEEP
SELECT
AV MODE
CARD
3D-Y/C
REC STOP
DTV
SOUND
P
DTV MENU
GUIDE
LIST
MENU
OK
EXIT
RETURN
SHARP
LCDTV

NOTE

- When using the remote control unit, point it at the Display.

Part names

21 **DTV**
Switch from the Digital-TV mode and other input source.
For example, when viewing an image from INPUT2, press DTV to switch to the Digital-TV mode. Press DTV again to return to INPUT2 screen.

22 ▤ **(TELETEXT)**
Select the TELETEXT mode. (all TV image, DTV/DATA image, all TEXT image, TV/TEXT image)
DTV input mode: Select DTV data broadcasting and TELETEXT.

23 ▤ **(TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP Overview for TOP programme.

24 **P∧/P∨**
TV/DTV input mode: Select the channel.
External input mode: Switch to either TV or DTV input mode.
TELETEXT mode: Select the page.

25 ⇥ **(INPUT SOURCE)**
Select an input source. (TV, DTV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, CARD)

26 **LIST**
DTV input mode: Display the favourite digital programme list.

27 **MENU**
Display the menu screen.

28 **▲/▼/◀/▶ (Cursor)**
Select a desired item on the setting screen.
Select the programme information area when EPG is displayed.

OK
Execute a command.

29 **RETURN**
MENU mode: Return to the previous menu screen.

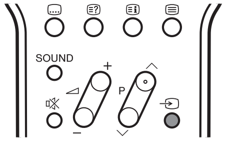
30 **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.
DTV input mode: The coloured buttons are used to select correspondingly to the coloured items in the menu screen.

Using external equipment

You can connect many types of external equipment to your System, like a decoder, VCR, DVD player, PC, game console and camcorder. To view external source images, select the input source from ⇥ on the remote control unit or **INPUT** on the Display.

Displaying an external equipment image

Explanation here is for the setting when connecting DVD to INPUT3 terminal.



CAUTION

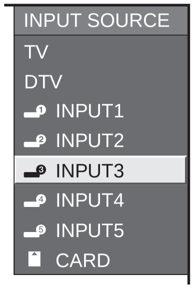
- To protect all equipment, always turn off the AVC System before connecting to a decoder, VCR, DVD player, PC, game console, camcorder or other external equipment.

NOTE

- See pages for external equipment connection.
- Please refer to the relevant operation manual (DVD player, PC, etc.) carefully before making connections.
- Each time ⇥ is pressed, the input source toggles.
- If the image does not come in clearly, you may need to change the input signal type setting on the "Input Select" menu.
- Refer to your external equipment operation manual for the signal type.

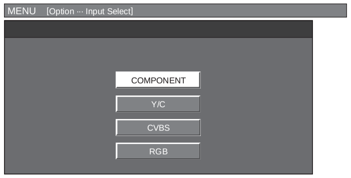
Displaying a DVD image (Example)

1 To watch a DVD image, select "INPUT3" from "INPUT SOURCE" menu using ⇥ on the remote control unit or **INPUT** on the Display.


INPUT SOURCE
TV
DTV
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
CARD

2 Select the desired signal type on "Input Select" in the "Option" menu.

For INPUT3 signal


MENU [Option ··· Input Select]
COMPONENT
Y/C
CVBS
RGB

The setting is stored and can be selected on the "INPUT SOURCE" menu.

Using external equipment

Connecting a decoder

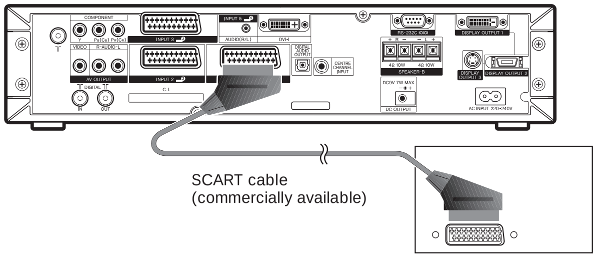
You can use the INPUT 1 terminal when connecting a decoder and other audiovisual equipment.

NOTE

- In cases when the decoder needs to receive signal from the System, make sure to set “Decoder” to “INPUT1” in the Programme Setup “Manual Adjust” menu.

To watch an image from this input terminal, you may select the input source and the input signal type.

AVC System (rear view)



Decoder

Connecting a VCR

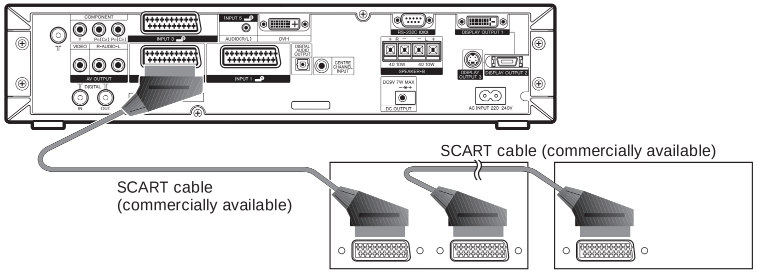
You can use the INPUT 2 terminal when connecting a VCR and other audiovisual equipment.
If your VCR supports TV-VCR advanced “AV Link” systems, you can connect the VCR to the INPUT 2 terminal on the AVC System using the fully-wired SCART cable.

NOTE

- TV-VCR advanced “AV Link” systems may not be compatible with some external sources.
- It is recommended to connect to the INPUT 2 terminal when using a decoder for ground wave signal input with a VCR. If INPUT 2 signals preset in auto installation or programme setup, make sure to set “Decoder” to “INPUT2” in the Programme Setup “Manual Adjust” menu.

To watch an image from this input terminal, you may select the input source and the input signal type.

AVC System (rear view)



VCR **Decoder**

Using external equipment

Using AV Link function

This System incorporates four typical AV Link functions for smooth connections between AVC System and other audiovisual equipment.

NOTE

- Only works when the audiovisual equipment is connected to the INPUT 2 terminal on the AVC System with AV Link via a fully wired SCART.

One Touch Play
While the System is in standby mode, it automatically turns on and plays back the image from the audiovisual source (e.g. VCR, DVD).

System Standby
When the connected audiovisual equipment (e.g. VCR, DVD) enters standby mode, so does the System.

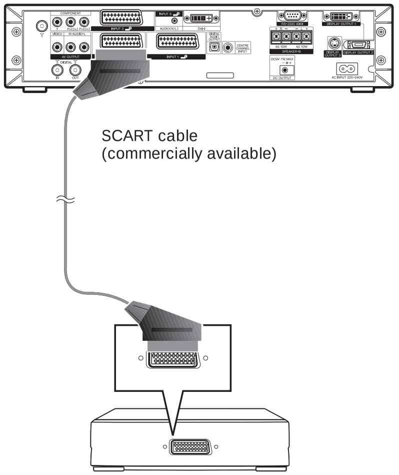
WYSIWYR (What You See Is What You Record)
When the remote control unit of the connected VCR has the WYSIWYR button, you can automatically start recording by pressing the WYSIWYR button.

Preset Download
Automatically transfers the channel preset information from the tuner on the System to the one on the connected audiovisual equipment (e.g. VCR) via the INPUT 2 terminal.

NOTE

- Refer to operation manuals of each external equipment for the details.

AVC System (rear view)



VCR

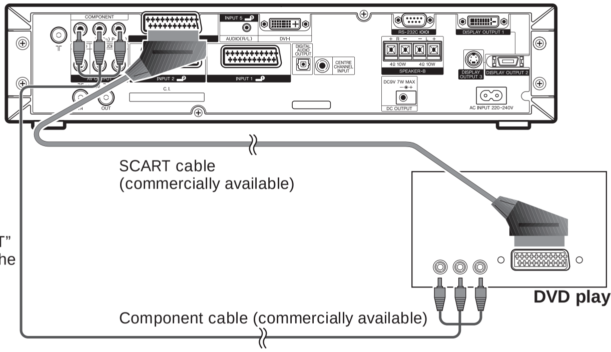
Using external equipment

Connecting a DVD player

You can use the INPUT 3 terminal when connecting to a DVD player and other audiovisual equipment.

To watch an image from this input terminal, you may select the input source and the input signal type.

AVC System (rear view)


SCART cable
(commercially available)
DVD player
Component cable (commercially available)

When using component cable, select "COMPONENT" for "Input Select" in the menu.

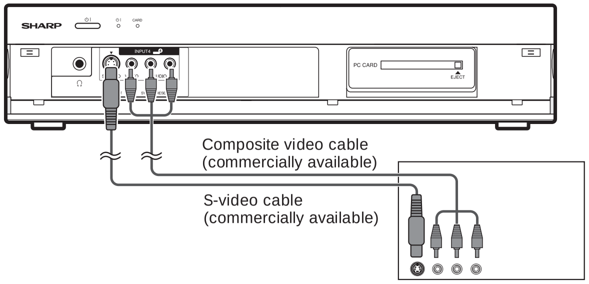
Connecting a game console or camcorder

A game console, camcorder and some other audiovisual equipment are conveniently connected using the INPUT 4 terminals.

NOTE
- The S-video terminal has priority over the video terminals.
- You can also connect the game console to INPUT 1 or 3 terminals to enjoy clearer picture.

To watch an image from this input terminal, you may select the input source and the input signal type.

AVC System (front view)


SHARP
PC CARD
EJECT
INPUT4
Composite video cable
(commercially available)
S-video cable
(commercially available)

Game console/Camcorder

Using external equipment

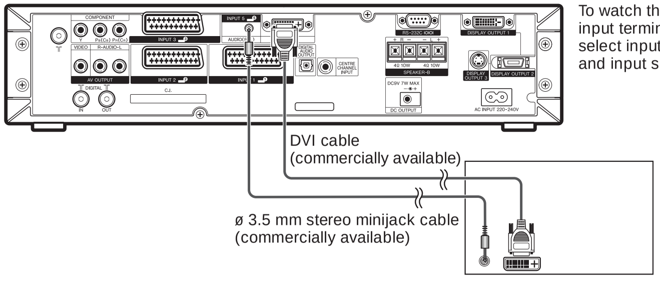
Connecting a PC

Use the INPUT5 terminals to connect a PC.

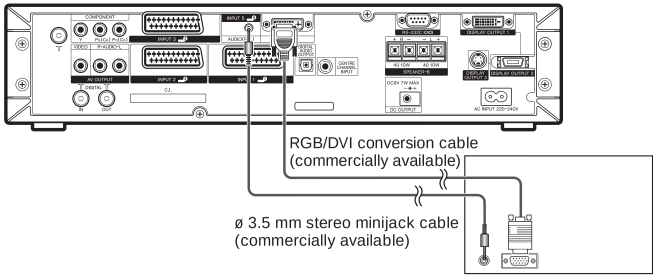
NOTE
- The PC input terminals are DDC1/2B-compatible.
- Refer to page for a list of PC signals compatible with the System.

AVC System (rear view)

To watch the image from this input terminal, you may select input source and input signal type.


DVI cable
(commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)

PC

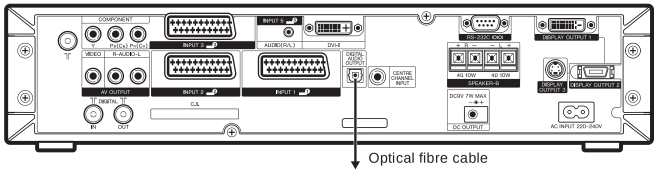

RGB/DVI conversion cable
(commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)

PC

NOTE
- Macintosh adaptor may be required for use for some Macintosh computers.
- When connecting to a PC, the correct input signal type is automatically detected. If the PC image does not come in clearly, you may need to set the Auto Sync. adjustment in the "Setup" menu.

Using Digital Audio Output

It is possible to output audio through the DIGITAL AUDIO OUTPUT terminal.
PCM audio outputs from the terminal.

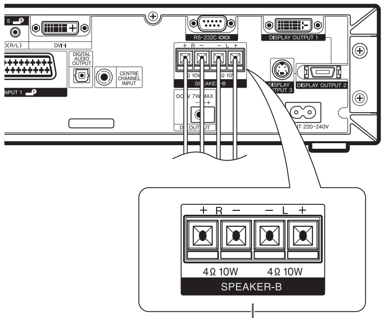

Optical fibre cable

To optical digital input of external audio devices

Speaker Setup

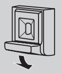
Connecting external speakers

Rear view

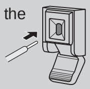


How to connect the speaker cable

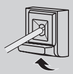
① Push down the tab.



② Insert the end of the cable.



③ Lift the tab back up.



When using external speakers
- Change the speaker setting to "SPEAKER-B".

Make sure to connect the speaker terminal and cable polarity (+, −) properly.
- The speaker terminal has plus (+) and minus (−) polarity.
- Plus is red and minus is black.
- The cables are also divided into plus and minus.
- When connecting the left/right speakers, be sure to connect the plus/minus terminals with the correct cables.

NOTE
- Unplug the AC cord from the AC outlet before installing the speakers.

- Make sure external speakers have 4 ohm and 10 watt specifications.
- Connect the plus/minus terminals with the correct cables. Incorrect connection may cause a short.

Selecting speakers

You can output audio using the supplied speakers or other external speakers.

1 Press **MENU** and the MENU screen displays.

2 Press ◀/▶ to select "Setup".

3 Press ▲/▼ to select "Speaker Setup", and then press **OK**.

4 Press ▲/▼ to select "Speaker", and then press **OK**.

5 Press ◀/▶ to select "SPEAKER-A" or "SPEAKER-B", and then press **OK**.

Selected item	Description
SPEAKER-A	Speaker connected to the Display.
SPEAKER-B	Speaker connected to the AVC System.

External Audio Bypass

External Audio Bypass automatically optimises the audio quality to suit internal (supplied) speakers.

1 Repeat steps 1 to 3 in **Selecting speakers** above.

2 Press ▲/▼ to select "External Audio Bypass", and then press **OK**.

3 Press ◀/▶ to select "Yes" or "No", and then press **OK**.

Selected item	Description
No	Sets the optimum audio for the internal (supplied) speakers.
Yes	When you are using your own speakers, output the original sound without using External Audio Bypass.

NOTE
- External Audio Bypass is greyed out when Dolby Virtual is set to "On".
- External Audio Bypass is greyed out when Centre Channel Input is set to "On".
- When using external speakers (SPEAKER-B), make sure to set "External Audio Bypass" to "Yes".
- When Dolby Virtual is on, External Audio Bypass automatically sets to "Yes".

PC compatibility chart

PC/MAC	Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
PC	VGA	640 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		720 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		640 x 480	31.5 kHz	60 Hz	O
			37.9 kHz	72 Hz	O
			37.5 kHz	75 Hz	O
			43.3 kHz	85 Hz	O
	WVGA	848 x 480	31.5 kHz	60 Hz	
	SVGA	800 x 600	35.1 kHz	56 Hz	O
			37.9 kHz	60 Hz	O
			48.1 kHz	72 Hz	O
			46.9 kHz	75 Hz	O
			53.7 kHz	85 Hz	O
	XGA	1024 x 768	48.4 kHz	60 Hz	O
			56.5 kHz	70 Hz	O
			60.0 kHz	75 Hz	O
			68.7 kHz	85 Hz	O
	WXGA	1280 x 720	45.0 kHz	60 Hz	
		1280 x 768	48.1 kHz	60 Hz	
		1366 x 768	48.4 kHz	60 Hz	
	SXGA	1280 x 1024	64.0 kHz	60 Hz	O
MAC13"	VGA	640 x 480	34.9 kHz	67 Hz	
MAC16"	SVGA	832 x 624	49.7 kHz	75 Hz	
MAC19"	XGA	1024 x 768	60.2 kHz	75 Hz	

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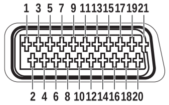
DDC is a registered trademark of Video Electronics Standards Association.
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

Connecting pin assignments for SCART



Various audio and video devices may be connected via the SCART terminals.

SCART (INPUT 1)

1. Audio right output (TV Monitor out)
2. Audio right input
3. Audio left output (TV Monitor out)
4. Common earth for audio
5. Earth for blue
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth for green
10. Not used
11. Green input
12. Not used
13. Earth for red
14. Not used
15. Red input
16. Red/Green/Blue control
17. Earth for video
18. Earth for Red/Green/Blue control
19. Video output (TV Monitor out)
20. Video input
21. Plug shield

SCART (INPUT 2)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Not used
8. Audio-video control
9. Earth
10. AV LINK control
11. Not used
12. Not used
13. Earth
14. Not used
15. Chroma S-Video input
16. Not used
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

SCART (INPUT 3)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth
10. Not used
11. Green input
12. Not used
13. Earth
14. Not used
15. Red input/Chroma S-Video input
16. Red/Green/Blue control
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

RS-232C port specifications

PC Control of the System

- When a program is set, the display can be controlled from the PC using the RS-232C terminal.
  The input signal (PC/video) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.

- Attach an RS-232C cable cross-type (commercially available) to the supplied Din/D-sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using PCs.

Communication conditions

Set the RS-232C communications settings on the PC to match the display's communications conditions. The display's communications settings are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector.
The Display operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

Command format

Eight ASCII codes + CR

C1	C2	C3	C4	P1	P2	P3	P4	↵

Command 4-digits Parameter 4-digits Return code

Command 4-digits: Command. The text of four characters.
Parameter 4-digits: Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that four values are input for the parameter.)
When the input parameter is not within an adjustable range, "ERR" returns. (Refer to "Response code format".)
No problem to input any numerical value for "x" on the table.

0			
0	0	0	9
–	3	0	
1	0	0	
0	0	5	5

When "?" is input for some commands, the present setting value responds.

?			
?	?	?	?

Response code format

Normal response

O	K	↵

Return code (0DH)

Problem response (communication error or incorrect command)

E	R	R	↵

Return code (0DH)

Commands

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
POWER SETTING	P	O	W	R	0	_	_	_	POWER OFF (STANDBY)
INPUT SELECTION A	I	T	G	D	x				INPUT SWITCHING (TOGGLE)
	I	T	V	D	x	_	_	_	TV (CHANNEL FIXED)
	I	D	T	V	x	_	_	_	DTV (CHANNEL FIXED)
	I	A	V	D	*	_	_	_	INPUT1 – 5 (1 – 5)
	I	C	R	D	x				CARD
CHANNEL	D	C	C	H	*	*	_	_	TV DIRECT CHANNEL (1 – 99)
	C	H	U	P	x				CHANNEL UP
	C	H	D	W	x				CHANNEL DOWN
	D	T	V	D	*	*	*	_	DTV DIRECT CHANNEL (1 – 999)
	D	T	U	P	x				DTV CHANNEL UP
	D	T	D	W	x				DTV CHANNEL DOWN
INPUT SELECTION B	I	N	P	1	0	_	_	_	INPUT1 (CVBS)
	I	N	P	1	1	_	_	_	INPUT1 (RGB)
	I	N	P	2	0	_	_	_	INPUT2 (CVBS)
	I	N	P	2	1	_	_	_	INPUT2 (Y/C)
	I	N	P	3	0	_	_	_	INPUT3 (CVBS)
	I	N	P	3	1	_	_	_	INPUT3 (Y/C)
	I	N	P	3	2	_	_	_	INPUT3 (RGB)
	I	N	P	3	3	_	_	_	INPUT3 (COMPONENT)
	I	N	P	4	0	_	_	_	INPUT4 (AUTO)
	I	N	P	4	1	_	_	_	INPUT4 (S-VIDEO)
	I	N	P	4	2	_	_	_	INPUT4 (VIDEO)
	I	N	P	5	0	_	_	_	Digital PC
	I	N	P	5	1	_	_	_	Analogue PC
	I	N	P	5	2	_	_	_	Digital AV
	I	N	P	5	3	_	_	_	Analogue AV
AV MODE SELECTION	A	V	M	D	0	_	_	_	TOGGLE
	A	V	M	D	1	_	_	_	STANDARD
	A	V	M	D	2	_	_	_	MOVIE
	A	V	M	D	3	_	_	_	GAME
	A	V	M	D	4	_	_	_	USER
	A	V	M	D	5	_	_	_	DYNAMIC
VOLUME	V	O	L	M	*	*	_	_	VOLUME (0 – 60)

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
POSITION	H	P	O	S	*	*	*	_	H-POSITION (AV) (–10 – +10)
	H	P	O	S	*	*	*	_	H-POSITION (PC) (0 – 180)
	V	P	O	S	*	*	*	_	V-POSITION (AV) (– 20 – +20)
	V	P	O	S	*	*	*	_	V-POSITION (PC) (0 – 100)
	C	L	C	K	*	*	*	_	CLOCK (0 – 180)
	P	H	S	E	*	*	*	_	PHASE (0 – 40)
WIDE MODE	W	I	D	E	0	_	_	_	TOGGLE (AV)
	W	I	D	E	1	_	_	_	NORMAL (AV)
	W	I	D	E	2	_	_	_	ZOOM 14:9 (AV)
	W	I	D	E	3	_	_	_	PANORAMA (AV)
	W	I	D	E	4	_	_	_	FULL (AV)
	W	I	D	E	5	_	_	_	CINEMA 16:9 (AV)
	W	I	D	E	6	_	_	_	CINEMA 14:9 (AV)
	W	I	D	E	7	_	_	_	NORMAL (PC)
	W	I	D	E	8	_	_	_	CINEMA (PC)
	W	I	D	E	9	_	_	_	FULL (PC)
	W	I	D	E	1	0	_	_	DOT BY DOT (AV/PC)
MUTE	M	U	T	E	0	_	_	_	TOGGLE
	M	U	T	E	1	_	_	_	MUTE
	M	U	T	E	2	_	_	_	MUTE OFF
DOLBY VIRTUAL	A	C	D	V	0	_	_	_	TOGGLE
	A	C	D	V	1	_	_	_	ON
	A	C	D	V	2	_	_	_	OFF
DUAL SCREEN	T	W	I	N	0	_	_	_	DUAL SCREEN OFF
	T	W	I	N	1	_	_	_	DUAL SCREEN ON
AUDIO CHANGE	A	C	H	A	x				TOGGLE
SLEEP TIMER	O	F	T	M	0	_	_	_	OFF
	O	F	T	M	1	_	_	_	SLEEP TIMER 30 MIN
	O	F	T	M	2	_	_	_	SLEEP TIMER 1 HOUR
	O	F	T	M	3	_	_	_	SLEEP TIMER 1 HOUR 30 MIN
	O	F	T	M	4	_	_	_	SLEEP TIMER 2 HOUR
	O	F	T	M	5	_	_	_	SLEEP TIMER 2 HOUR 30 MIN
TEXT	T	E	X	T	0	_	_	_	TEXT OFF
	T	E	X	T	1	_	_	_	TEXT ON (TOGGLE)
	D	C	P	G	*	*	*	_	DIRECT PAGE JUMP (100 – 899)

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.

Basic adjustment settings (Analogue)

TV/AV input mode menu items

List of AV menu items to help you with operations

Picture

- **OPC**
- **Backlight**
- **Contrast**
- **Brightness**
- **Colour**
- **Tint**
- **Sharpness**
- **Advanced**
  - **C.M.S.**
  - **Colour Temp.**
  - **Sharpness Enhancement**
  - **Automatic Contrast**
  - **I/P Setting**
  - **Film Mode**
  - **3D-Y/C**
  - **Monochrome**

Audio

- **Treble**
- **Bass**
- **Balance**
- **Dolby Virtual**

Power Control

- **No Signal Off**
- **No Operation Off**

Setup

- **Auto Installation**
- **Programme Setup**
- **Child Lock**
- **Input Label**
- **Speaker Setup**
- **Position**
- **WSS**
- **4:3 Mode**
- **Rotate**
- **Language**

Option

- **Audio Only**
- **3D-NR**
- **Mosquito Noise Reduction**
- **Input Select**
- **Audio Out**
- **Quick Shoot**
- **Colour System**
- **Centre Channel Input**
- **Standby Recording**

PC input mode menu items

List of PC menu items to help you with operations

Picture

- **OPC**
- **Backlight**
- **Contrast**
- **Brightness**
- **Red**
- **Green**
- **Blue**
- **Advanced**
  - **C.M.S.**
  - **Sharpness Enhancement**

Audio

- **Treble**
- **Bass**
- **Balance**
- **Dolby Virtual**

Power Control

- **Power Management**

Setup

- **Input Label**
- **Speaker Setup**
- **Input Signal**
- **Auto Sync.**
- **Fine Sync.**
- **Rotate**
- **Language**

Option

- **Audio Only**
- **Input Select**
- **Audio Out**
- **Quick Shoot**
- **Centre Channel Input**
- **Standby Recording**

Basic adjustment settings (Digital)

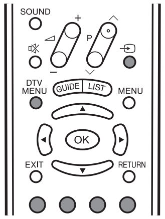
DTV input mode menu items

List of DTV menu items to help you with operations.
Numbers within brackets indicate the page where the topic is explained.

- Guide (RED)
  - Theme
  - Mode
- Setup (GREEN)
  - Service lists
    - Service list type
    - TV service lists
      - Rearrange TV services
      - New TV services
      - Installed TV services
      - Uninstalled TV services
    - Radio services lists
      - Rearrange radio services
      - New radio services
      - Installed radio services
      - Uninstalled radio services
  - System setting
    - Languages
      - Audio
      - Subtitle
      - Teletext
    - Time Zone
    - Banner duration
  - Installation
    - Country 🔒
    - Service scan
      - Search 🔒
      - Found TV services
      - Found radio services
      - Store
      - Discard
    - Reinstall all services 🔒
    - System software
    - Software download
  - Access restrictions
    - Maturity rating 🔒
    - TV services 🔒
    - Radio services 🔒
- Preference (BLUE)
  - Audio lang.
  - Subtitle lang.

NOTE

- 🔒 mark indicates in some cases PIN input may be required.
- The illustrations and on-screen displays in this manual are for explanation purposes and may vary slightly from the actual operations.



Selecting DTV mode

Press **DTV MENU** to directly display DTV menu screen.
Press ⇥ to access DTV mode.

About colour buttons

Press **DTV MENU** to display the DTV Menu screen.

Guide
Setup
Preference

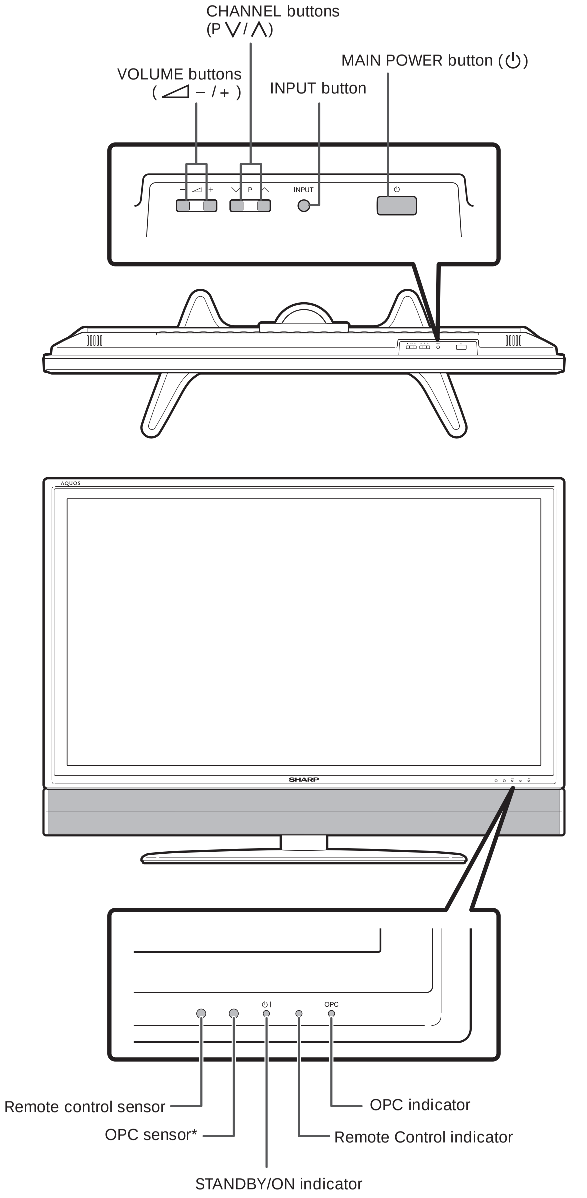
Simply press colour button (**RED**/**GREEN**/**BLUE**) to directly display desired DTV menu.

Guide: RED button
Setup: GREEN button
Preference: BLUE button

Operation Manual (LC-45GD1E)

Part names

Display


CHANNEL buttons (P ∨/∧)
VOLUME buttons (◿ – / +)
INPUT button
MAIN POWER button (⏻)
INPUT
AQUOS
SHARP
OPC
Remote control sensor
OPC sensor*
STANDBY/ON indicator
Remote Control indicator
OPC indicator

*OPC: Optical Picture Control

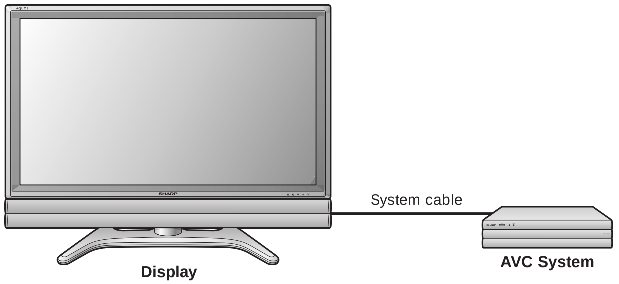
Preparation

Where to place the System

"System" means the Display and AVC System. First select the location where to place the System.

1 **Selecting the location of the System**

- The Display and the AVC System are connected by the system cable.
- Select a place with no direct sunlight and good ventilation.

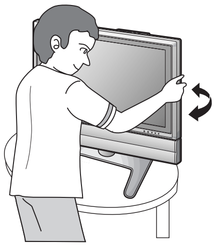

System cable
Display
AVC System

2 **Setting the System in place**

Handling the Display

CAUTION

- **When using the TV with the supplied stand attached, do not remove the speaker. Doing so may disturb the balance leading to product damage or personal injury.**
- Do not remove the stand and speaker from the Display unless using an optional bracket to mount it.
- Keep enough space above and behind the Display.
- When you move the System, carry it by two or more people.
- When you move the Display, hold the portion of the Display, not the speaker.



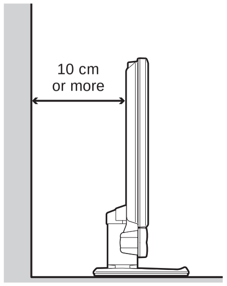
CAUTION

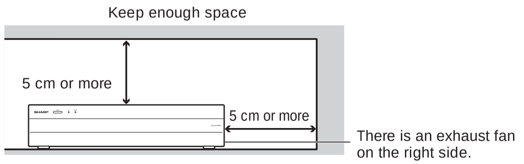
Adjust the screen with both hands. Put one hand on the Display and rotate the screen while steadying the stand with your other hand.
You can adjust the screen horizontally up to 10 degrees. Please note that you cannot adjust the screen vertically with this model.

Handling the AVC System

CAUTION

- Do not put a VCR or other device on the AVC System.
- Keep enough space above and on the sides of the AVC System.
- Do not block the ventilation openings on the top and left side, and the exhaust fan on the right side.
- Do not spread a thick cloth beneath the AVC System, or cover it with one, as this can cause overheating and result in malfunction.


10 cm
or more

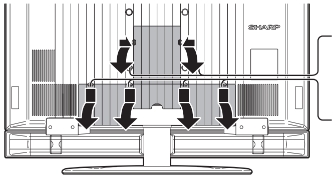

Keep enough space
5 cm or more
5 cm or more
There is an exhaust fan on the right side.

Setting the System

After putting the Display and the AVC System in place, connect the system cables and AC cords. Use the cable clamps for bundling the cables.

1 Removing the terminal cover

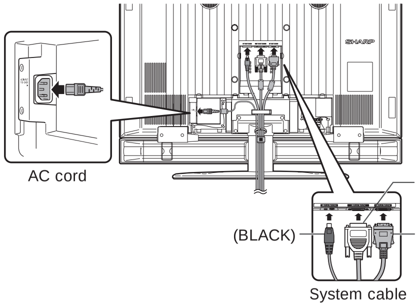
Display (rear view)



Press the two hooks toward the centre of the Display and remove the cover toward you.

Press down the four upper hooks to remove the cover toward you.

2 Connecting the system cable and the AC cord to the Display

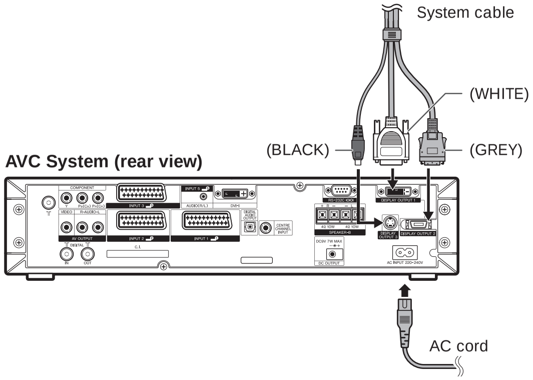


(WHITE)*
Connect the plug into the terminal and secure it by tightening the thumb screws.

(GREY)**
Connect the plug firmly until the hooks on both sides click.

3 Connecting the system cable and the AC cord to the AVC System

AVC System (rear view)



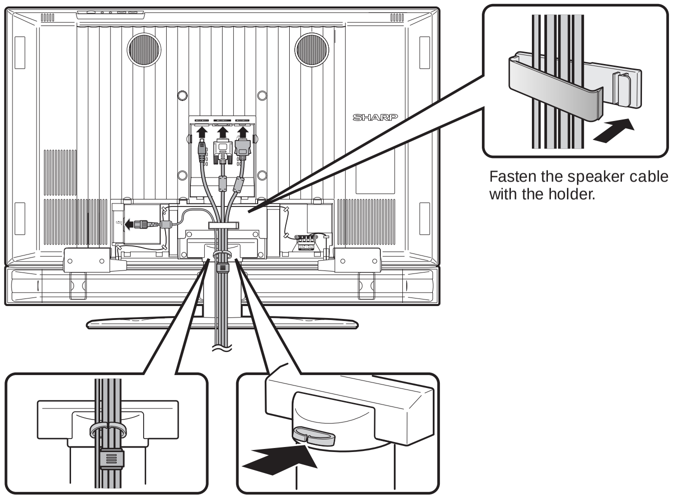
CAUTION

- **TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE AC CORD CONNECTED.**
- To comply with the requirements of the CE regulation rules, make sure to attach the terminal cover to the rear of the display with all the system cables connected before you use this product.

NOTE

* When you unplug the WHITE system cable, make sure you unscrew the screws thoroughly before unplugging the cable.
** When you unplug the GREY system cable, press the hooks on both sides of the cable inward as you unplug the cable gently.

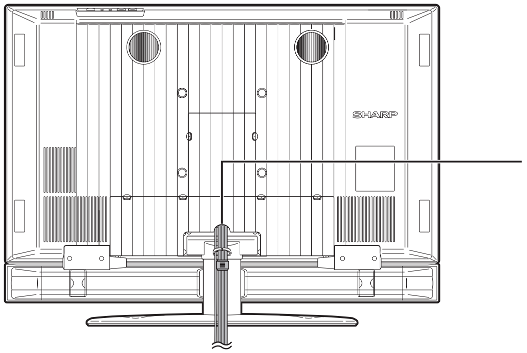
4 Attaching the clamp and bundling the cables with the clamp



Fasten the speaker cable with the holder.

Cable clamp
Insert the cable clamp in the hole on the Display as shown.

5 Closing the terminal cover



Cables come out from the small opening.

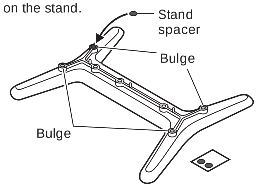
Setting the AVC System with the stand

How to install the AVC System vertically using the stand unit.

- Use the supplied stand unit for installing the AVC System vertically in an upright position.

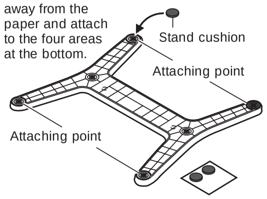
1 Stick each spacer to the stand as shown.

Peel each spacer away from the paper and attach to the four bulging areas on the stand.



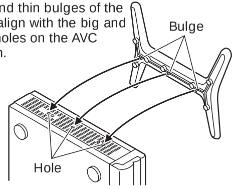
2 Attach each cushion to the stand as shown.

Peel each cushion away from the paper and attach to the four areas at the bottom.

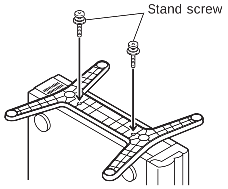


3 Fit the stand to the AVC System.

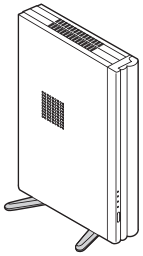
Insert the stand into the AVC System, making sure that the thick and thin bulges of the stand align with the big and small holes on the AVC System.



4 Attach the stand using the stand screws as shown.



The AVC System installed vertically with the stand.



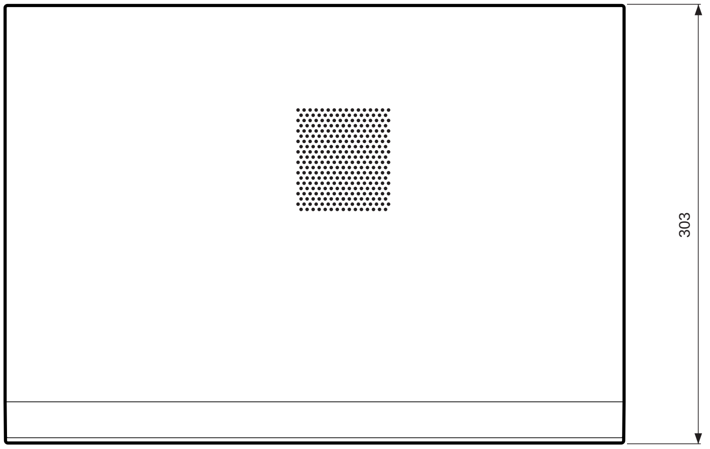
NOTE

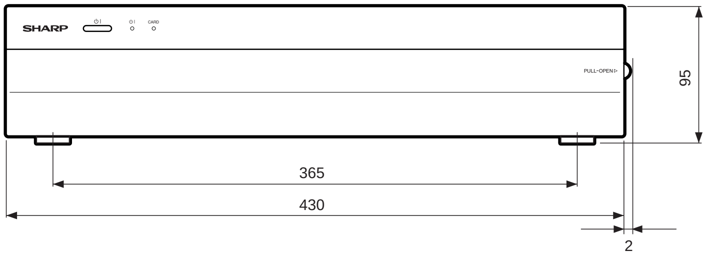
- When mounting the AVC System vertically, always use the supplied stand. Be careful not to block vent holes when standing up directly on the floor or a flat surface as this can result in equipment failure.

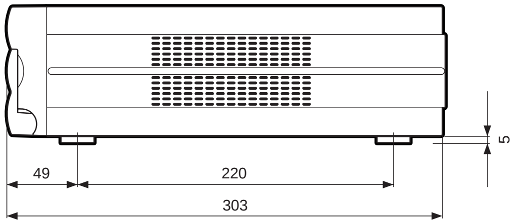
Dimensions

AVC System

Unit:mm

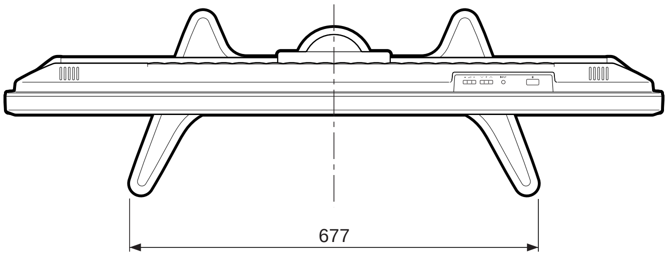


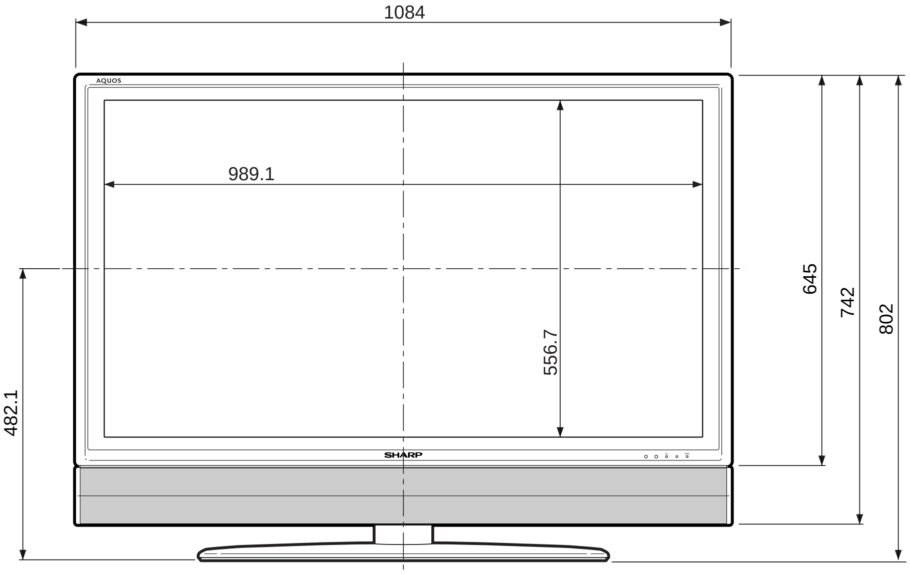

SHARP
CARD
PULL◁OPEN▷
95
365
430
2

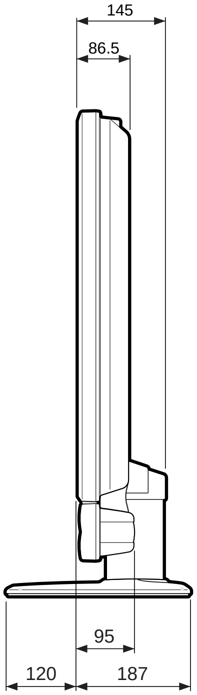


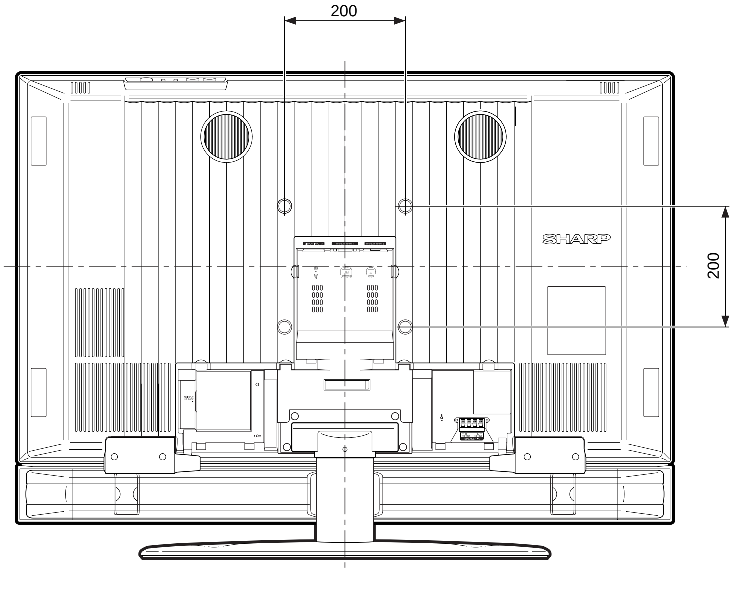
Display

Unit:mm




1084
AQUOS
989.1
556.7
645
742
802
482.1
SHARP

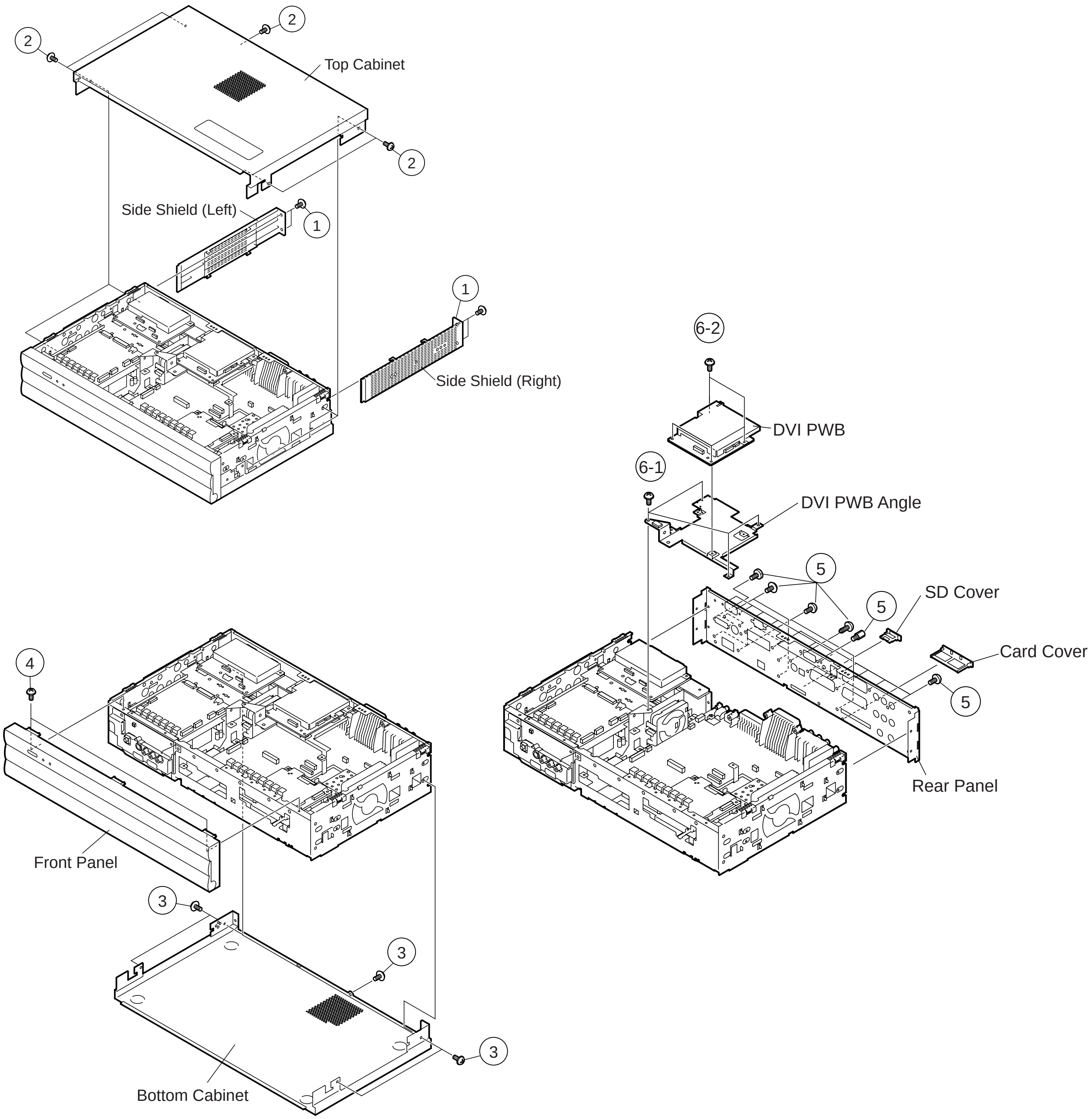

145
86.5
95
120
187


200
200
SHARP

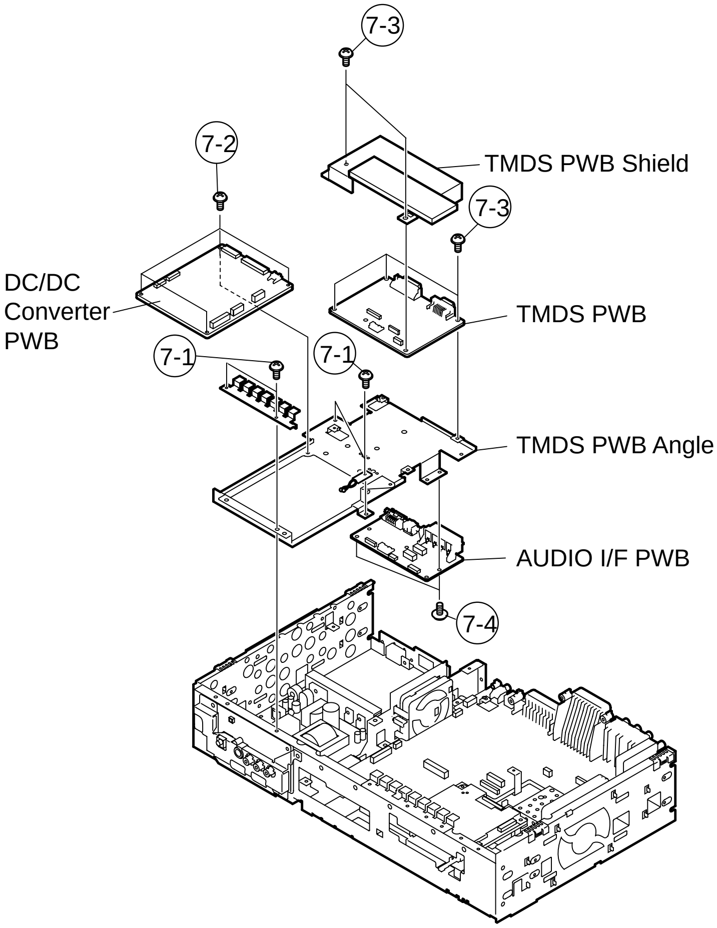
REMOVING OF MAJOR PARTS

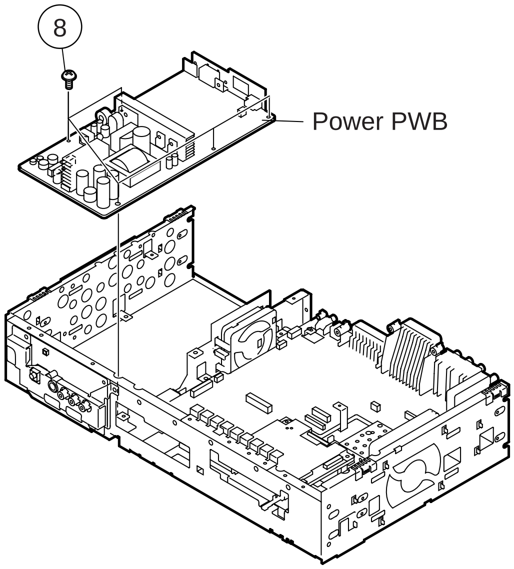
(TU-45GD1E)

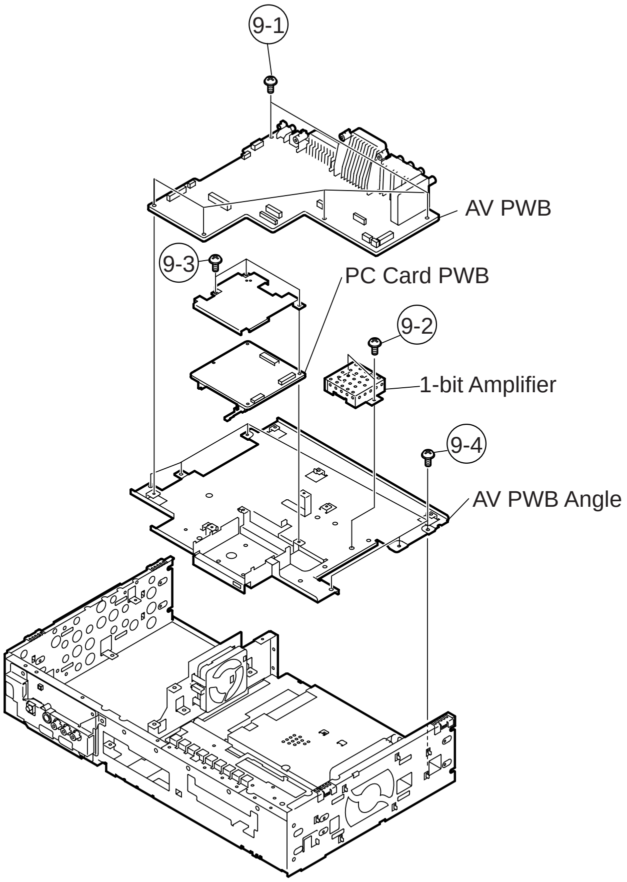
1. Remove the two lock screws from each of the right and left Side Shield, and detach the Side Shield by sliding them backward.
2. Remove the five lock screws from the Top Cabinet, and detach the cabinet by sliding it backward.
3. Remove the five lock screws from the Bottom Cabinet, and detach the cabinet by sliding it backward.
4. Remove the tow lock screws from the Front Panel, and detach the panel.
5. Remove the lock screws and six hexagon shaft screws from the Rear Panel, and detach the Rear Panel.
6. Remove the DVI PWB.
   6-1. Remove the four lock screws from the DVI PWB Angle.
   6-2. Remove the four lock screws from the DVI PWB.


2
2
Top Cabinet
2
Side Shield (Left)
1
1
Side Shield (Right)
6-2
DVI PWB
6-1
DVI PWB Angle
5
5
SD Cover
Card Cover
5
Rear Panel
4
Front Panel
3
3
3
Bottom Cabinet

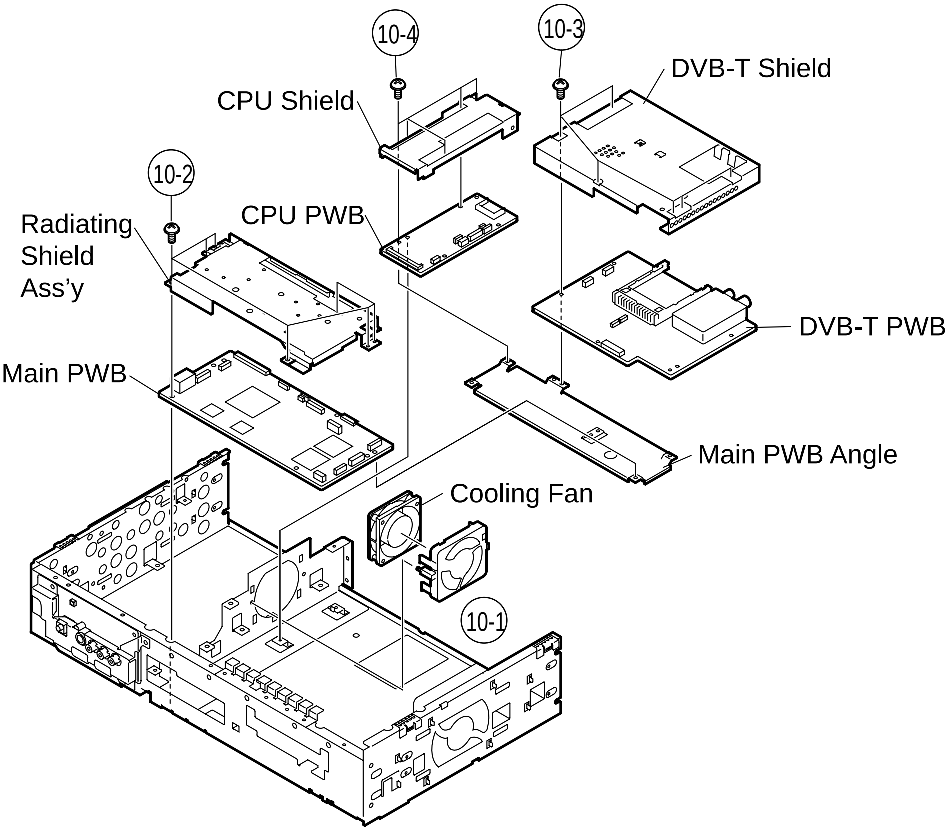
7. Remove the DC/DC Converter PWB, TMDS PWB and AUDIO I/F PWB.
    7-1. Remove the four lock screws from the TMDS PWB angle.
    7-2. Remove the four lock screws from the DC/DC Converter PWB.
    7-3. Remove the four lock screws from the TMDS PWB.
    7-4. Remove the two lock screws from the AUDIO I/F PWB.
8. Remove the five lock screws from the Power PWB.
9. Remove the AV PWB, PC Card PWB and 1-bit amplifier.
    9-1. Remove the five lock screws from the AV PWB.
    9-2. Remove the two lock screws from the 1-bit amplifier.
    9-3. Remove the three lock screws from PC Card PWB.
    9-4. Remove the six lock screws from AV PWB Angle.

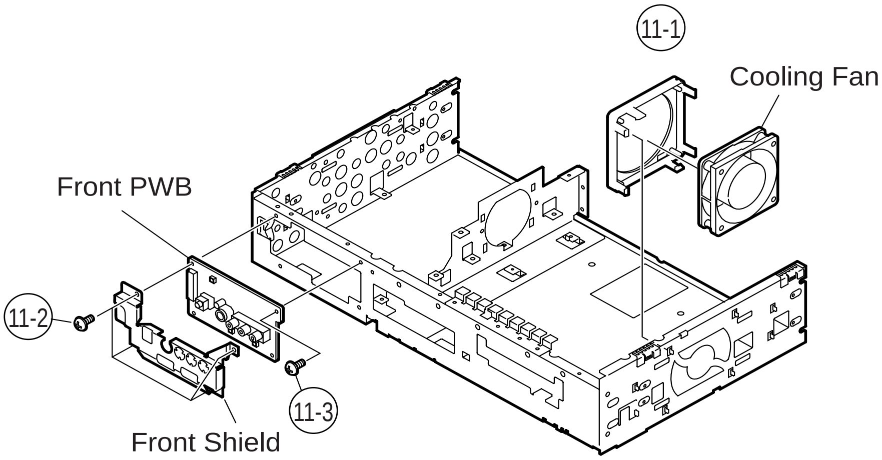

7-3
7-2
TMDS PWB Shield
7-3
DC/DC Converter PWB
TMDS PWB
7-1
7-1
TMDS PWB Angle
AUDIO I/F PWB
7-4




9-1
AV PWB
9-3
PC Card PWB
9-2
1-bit Amplifier
9-4
AV PWB Angle

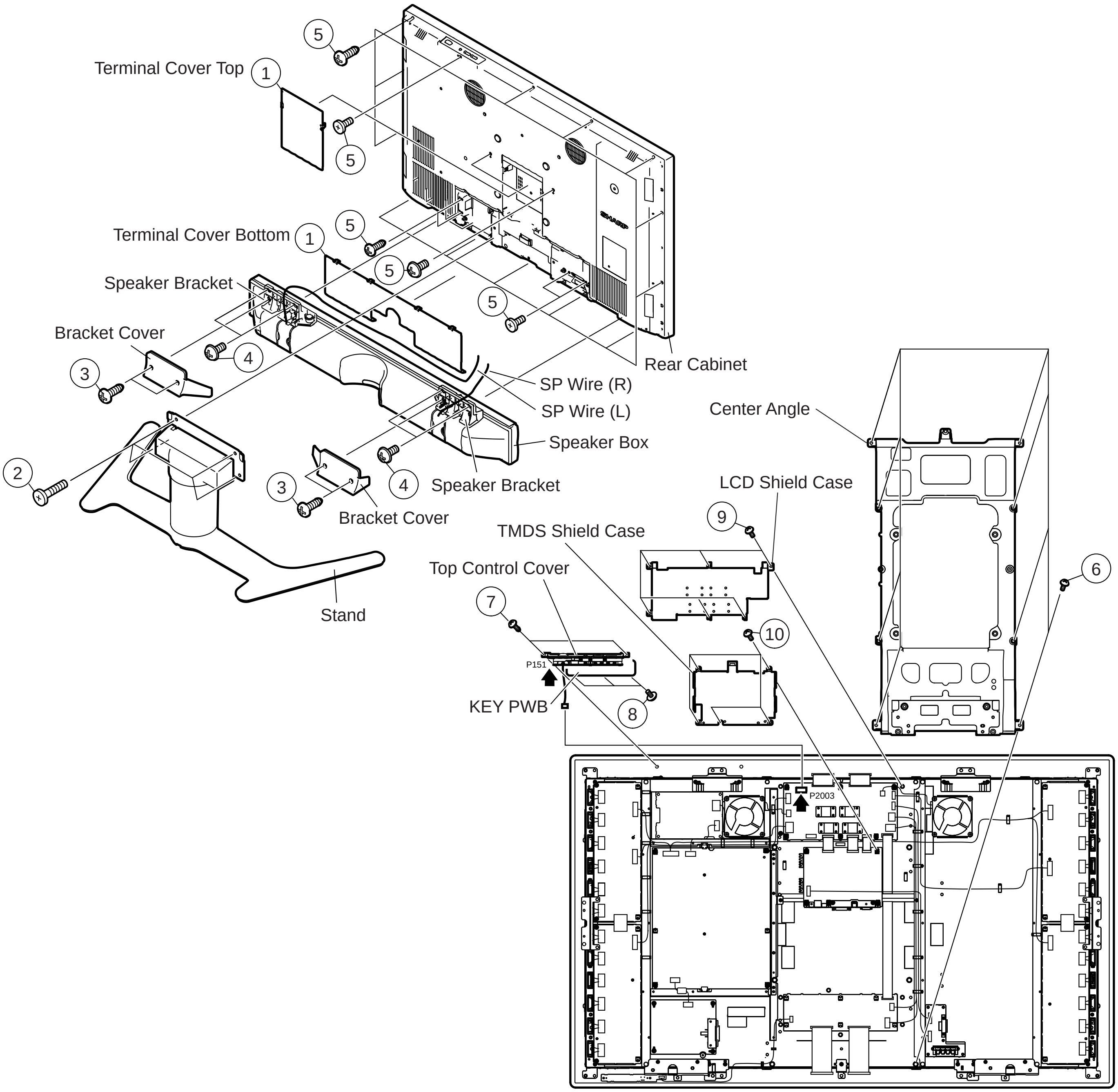
10. Remove the Cooling Fan (large), MAIN PWB and CPU PWB.
    - 10-1. Detach the Cooling Fan (large).
    - 10-2. Remove the seven lock screws from the Main PWB.
    - 10-3. Remove the six lock screws from the DVB-T PWB.
    - 10-4. Remove the five lock screws from the CPU PWB.
11. Remove the Cooling Fan (small) and Front PWB.
    - 11-1. Detach the Cooling Fan (small).
    - 11-2. Remove the four lock screws from the Front Shield.
    - 11-3. Remove the one lock screw from the Front PWB.


10-4
10-3
DVB-T Shield
CPU Shield
10-2
CPU PWB
Radiating Shield Ass'y
DVB-T PWB
Main PWB
Main PWB Angle
Cooling Fan
10-1

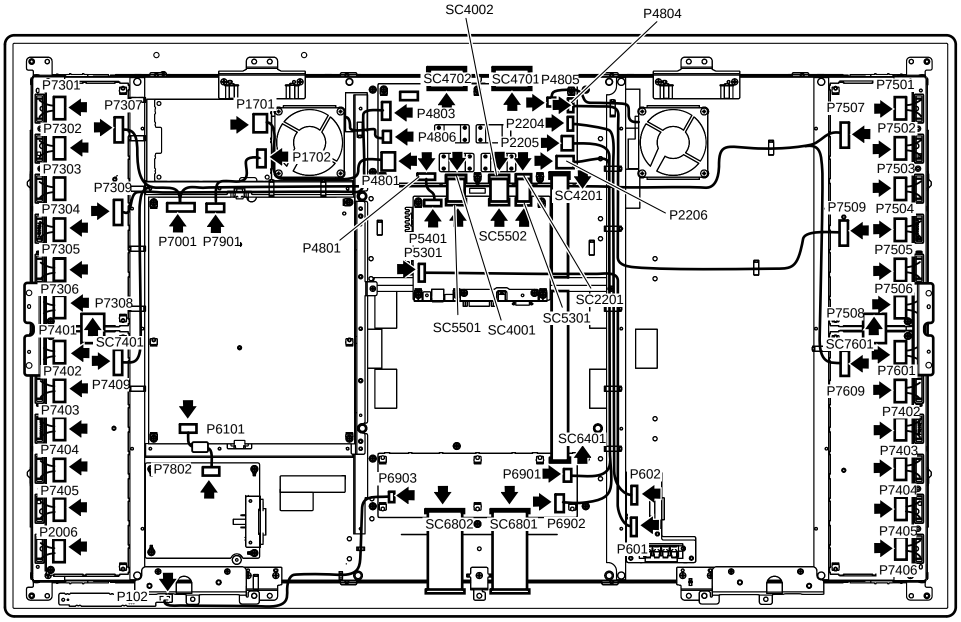

11-1
Cooling Fan
Front PWB
11-2
11-3
Front Shield

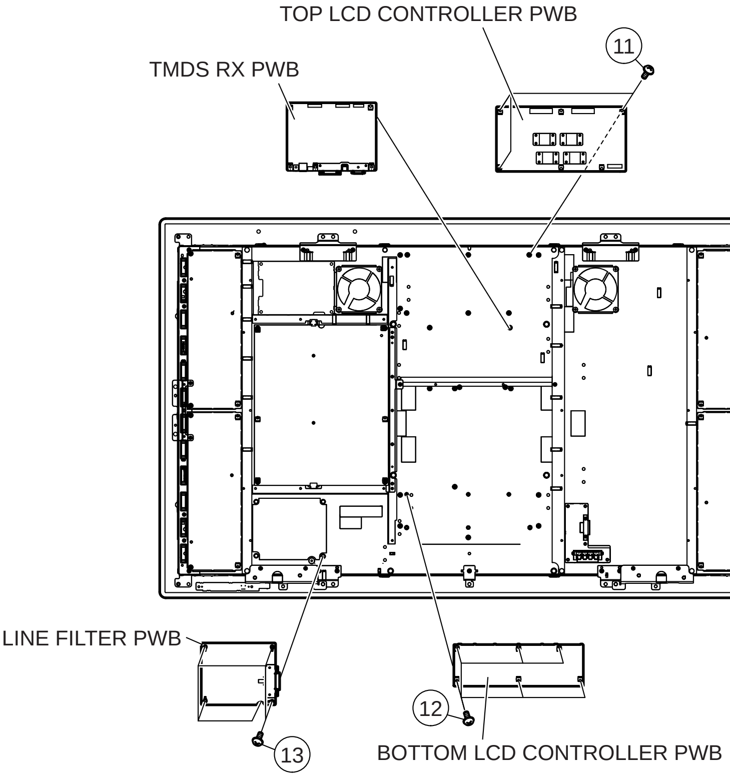
(LC-45GD1E)

1. Remove the Terminal Covers ① .
2. Remove the four lock screws ② and detach the Stand.
3. Remove the four lock screws ③ and detach the Bracket Covers.
4. Remove the four lock screws ④ and separate the Speaker Box from the set.
   Disconnect SP wire (R) and SP wire (L).
5. Remove the twenty one lock screws ⑤ from Rear Cabinet, and detach the Rear Cabinet.
6. Remove the eight lock screws ⑥ from Center Angle, and detach the Center Angle.
7. Remove the KEY PWB
   - 7-1. Remove the two lock screws ⑦ from Top Control Cover.
   - 7-2. Remove the three lock screws ⑧ from the KEY PWB.
8. Remove the six lock screws ⑨ and detach the LCD Shield Case.
9. Remove the five lock screws ⑩ and detach the TMDS Shield Case.

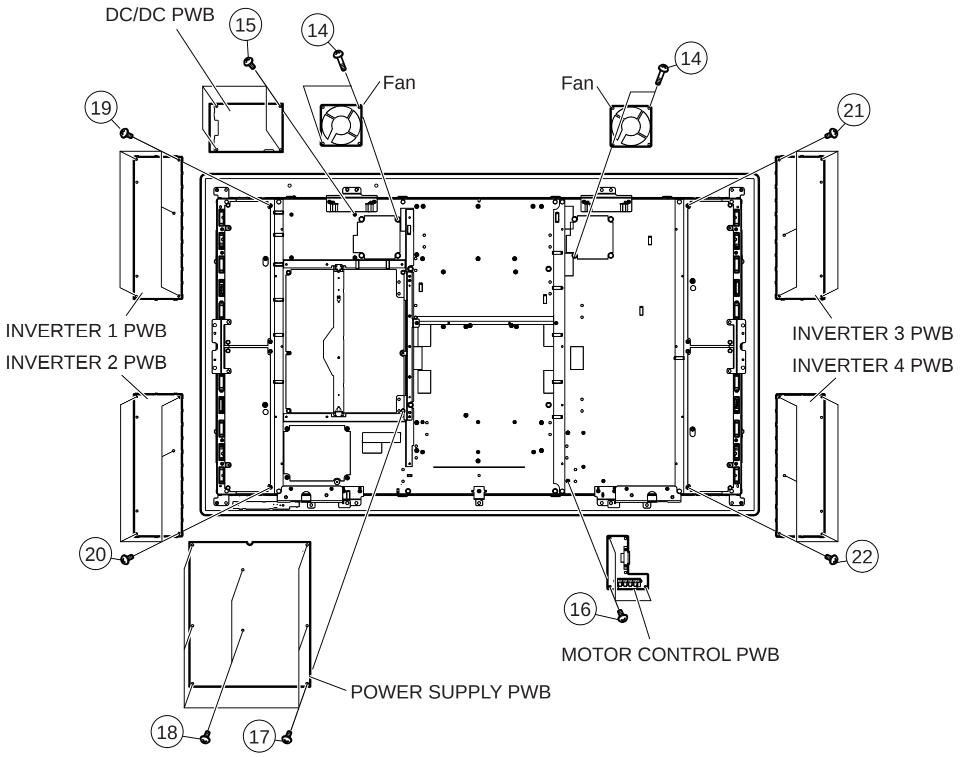

5
Terminal Cover Top
1
5
Terminal Cover Bottom
1
5
5
Speaker Bracket
5
Bracket Cover
4
3
Rear Cabinet
SP Wire (R)
SP Wire (L)
Center Angle
Speaker Box
2
3
4
Speaker Bracket
LCD Shield Case
Bracket Cover
9
TMDS Shield Case
6
Top Control Cover
Stand
7
10
P151
KEY PWB
8
P2003

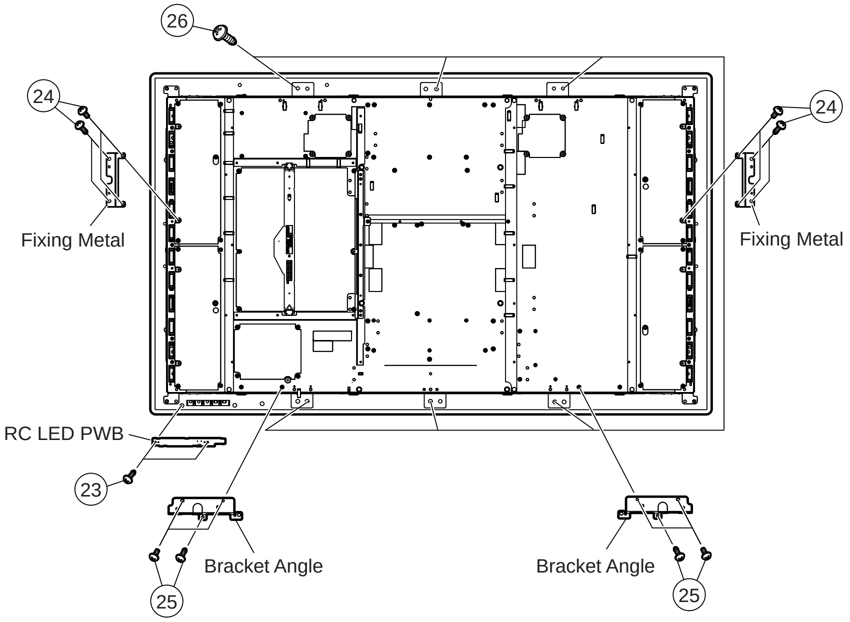
10. Disconnect all the connectors from all the PWBs.
11. Remove the three lock screws ⑪ and detach the TOP LCD CONTROLLER PWB.
12. Remove the six lock screws ⑫ and detach the BOTTOM LCD CONTROLLER PWB.
13. Remove the five lock screws ⑬ and detach the LINE FILTER PWB.
14. Detach the TMDS RX PWB.


SC4002
P4804
SC4702
SC4701
P4805
P7301
P7307
P1701
P4803
P7507
P7501
P7302
P4806
P2204
P7502
P2205
P1702
P7303
P4801
P7503
P7309
SC4201
P2206
P7304
P7509
P7504
P7001
P7901
P4801
P5401
SC5502
P7305
P5301
P7505
P7306
P7506
P7308
SC2201
SC5301
P7508
P7401
SC5501
SC4001
SC7401
SC7601
P7402
P7601
P7409
P7609
P7403
P7402
P6101
SC6401
P7404
P7403
P7802
P6901
P602
P6903
P7405
P7404
SC6802
SC6801
P6902
P2006
P7405
P601
P7406
P102

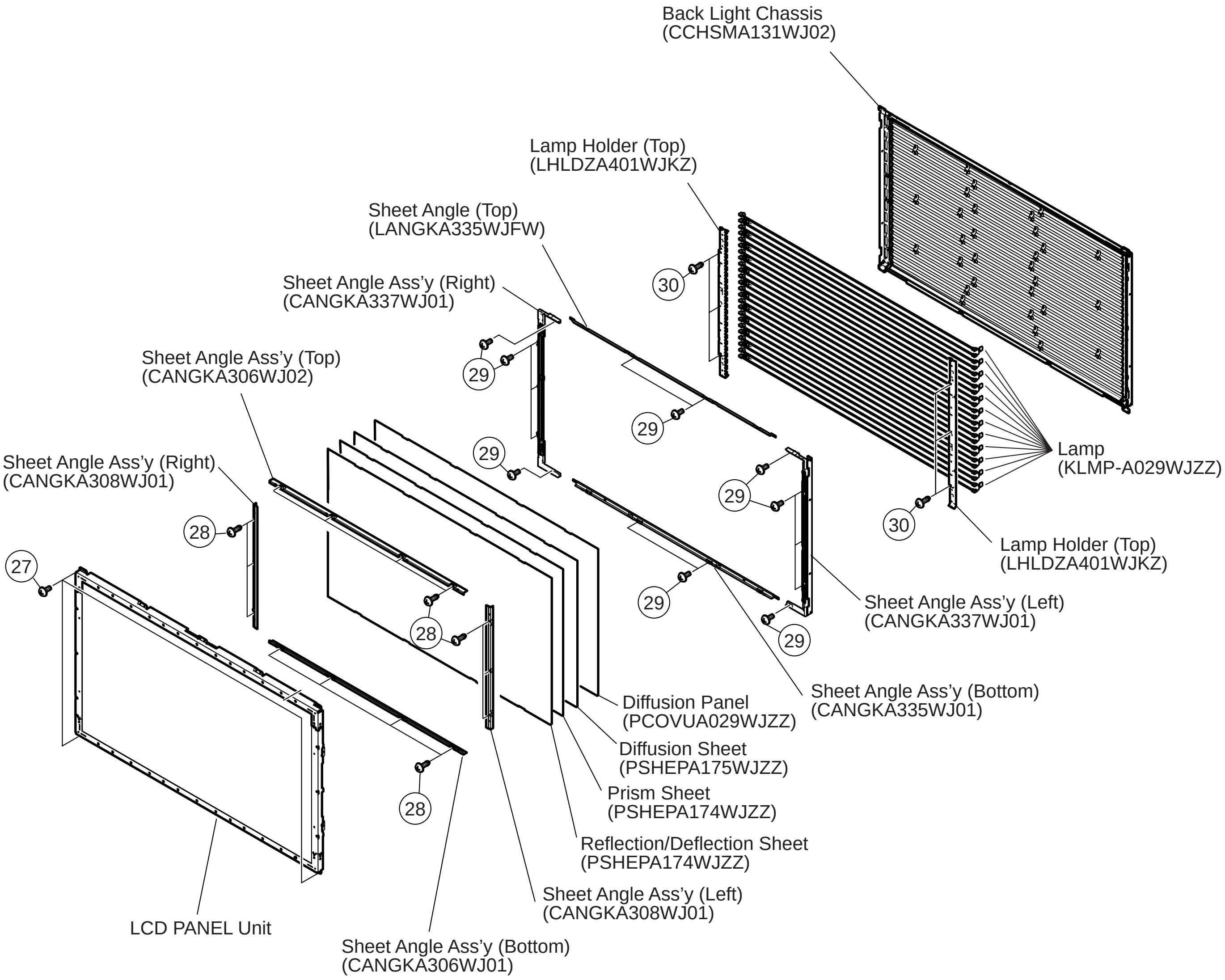

TOP LCD CONTROLLER PWB
11
TMDS RX PWB
LINE FILTER PWB
12
13
BOTTOM LCD CONTROLLER PWB

15.Remove the four lock screws ⑭ and detach the Fans.
16.Remove the four lock screws ⑮ and detach the DC/DC PWB.
17.Remove the three lock screws ⑯ and detach the MOTOR CONTROL PWB.
18.Remove the six lock screws ⑰ and the 2 lock screws ⑱, and detach the POWER SUPPLY PWB.
19.Remove the five lock screws ⑲ and detach the INVERTER 1 PWB.
20.Remove the five lock screws ⑳ and detach the INVERTER 2 PWB.
21.Remove the five lock screws ㉑ and detach the INVERTER 3 PWB.
22.Remove the five lock screws ㉒ and detach the INVERTER 4 PWB.
23.Remove the two lock screws ㉓ and detach the R/C LED PWB.
24.Remove the eight lock screws ㉔ and detach the Fixing Metals.
25.Remove the six lock screws ㉕ and detach the Bracket Angles.
26.Remove the six lock screws ㉖ and detach the LCD Panel.


DC/DC PWB
15
14
Fan
Fan
14
19
21
INVERTER 1 PWB
INVERTER 2 PWB
INVERTER 3 PWB
INVERTER 4 PWB
20
22
16
MOTOR CONTROL PWB
POWER SUPPLY PWB
18
17


26
24
24
Fixing Metal
Fixing Metal
RC LED PWB
23
Bracket Angle
Bracket Angle
25
25

27. Remove the four screws ㉗ for fixing the LCD PANEL Unit.
28. Remove the fourteen screws for fixing the sheet angle ㉘ to detach the top, bottom, left, and right sheet angles.
29. Remove the Reflection/Deflection Sheet, Prism Sheet, Diffusion Sheet, and Diffusion Panel.
30. Remove the fourteen screws for fixing the sheet angle ㉙ to detach the top, bottom, left, and right sheet angles.
31. Remove the six screws for fixing the Lamp Holder (top) ㉚ to detach the Lamp Holder (top).
32. Remove the Lamps.


Back Light Chassis
(CCHSMA131WJ02)
Lamp Holder (Top)
(LHLDZA401WJKZ)
Sheet Angle (Top)
(LANGKA335WJFW)
Sheet Angle Ass'y (Right)
(CANGKA337WJ01)
Sheet Angle Ass'y (Top)
(CANGKA306WJ02)
Sheet Angle Ass'y (Right)
(CANGKA308WJ01)
30
29
29
29
29
28
27
Lamp
(KLMP-A029WJZZ)
30
Lamp Holder (Top)
(LHLDZA401WJKZ)
29
28
29
Sheet Angle Ass'y (Left)
(CANGKA337WJ01)
Sheet Angle Ass'y (Bottom)
(CANGKA335WJ01)
Diffusion Panel
(PCOVUA029WJZZ)
Diffusion Sheet
(PSHEPA175WJZZ)
Prism Sheet
(PSHEPA174WJZZ)
28
Reflection/Deflection Sheet
(PSHEPA174WJZZ)
Sheet Angle Ass'y (Left)
(CANGKA308WJ01)
LCD PANEL Unit
Sheet Angle Ass'y (Bottom)
(CANGKA306WJ01)

CAUTION:

Attach the optical sheet with great care to prevent foreign substances from entering the system. (Use an air blower or anti-static blow-off device.)

ADJUSTMENT PROCEDURE (TU-45GD1E)

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

1) When replacing the digital unit and E2PROM , prepare the following units loaded with updated software.
   Applicable unit: DUNTKC267FE50 (DVI-UNIT)
   Applicable unit: DUNTKC427FE31 (CPU-UNIT)

2. Entering the process adjustment mode

Caution: Use due care in handling the information described here lest your users should know how to enter the process adjustment mode. If the settings are tampered in this mode, unrecoverable system damage may result.

1) Before entering the process adjustment mode, press the RESET key on the front panel, or select "RESET" of the AV position in the picture adjustment on the menu.
2) Unplug the AC power cable of the Display and shut off the power.
3) While holding down the "⊿ (–)" and "INPUT" key of the Display at the same time, plug in the AC power cable of the Display, and turn on the power.
   (Keep pressing the "⊿ (–)" and "INPUT" keys until the specific display appears on the screen.)
   Make sure that a K mark is displayed in the top left of the screen.
4) Next, Simultaneously press the "⊿(–)" key and the "P(∨)" key of the monitor.
   Several blue text lines appearing on the screen indicate the successful entry into the process adjustment mode.
   If you have failed (only the ordinary startup display appeared), try this step again.
5) To exit the process adjustment mode after the adjustment is done, unplug the AC power cable of AVC system from the outlet to make a forced shutdown.
   (When the power was turned off with the remote controller, once unplug the power cable and plug it again. In this case, wait 10 seconds or so before plugging.)

3. Remote controller key operation and description of display in process adjustment mode

1) Key operation

Operation	R/C KEY	MAIN UNIT KEY
Back to the previous page	Cursor (▲)	–
Move to the next page	Cursor (▼)	–
Back to the previous item	P (∧)	P (∧)
Move to the next item	P (∨)	P (∨)
Increase the setting by 1	⊿ (+)	⊿ (+)
Decrease the setting by 1	⊿ (-)	⊿ (-)
Increase the setting by 10	Cursor (▶)	–
Decrease the setting by 10	Cursor (◀)	–
Execute the function	OK	

4. Adjustment procedure

1) Analog adjustment

Before starting the adjustment, make sure that the signal source setting is proper for the LCD Europe.

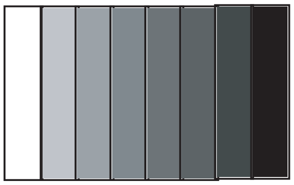
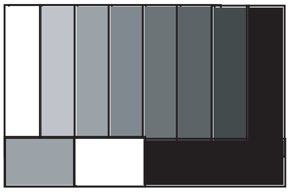
■ Signal generator level adjustment check (Adjustment to the specified level)

- Composite signal: 0.714Vp-p ±0.02Vp-p (from Pedestal level to white)
- 15K component signal: Y level: 0.714Vp-p ± 0.02Vp-p (from Pedestal level to white)
  PB, PR level: 0.7Vp-p ± 0.02Vp-p
- 33K component signal: Y level: 0.7Vp-p ± 0.02Vp-p (from Pedestal level to white)
  PB, PR level: 0.7Vp-p ± 0.02Vp-p
- DVI-I (analog RGB) signal: RGB level: 0.714Vp-p ± 0.02Vp-p (Pedestal level to white)

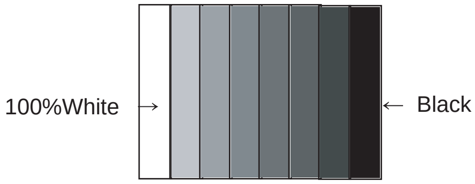
(1) AVC system chassis pre-adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Adjustment process mode		See "Entering the process adjustment mode" on the previous page.

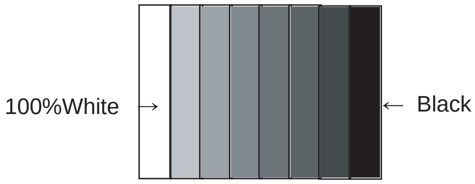
(2) PAL signal and tuner adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] PAL Full Field Colour Bar (INPUT4) PAL colour bar (Tuner) [Terminal] INPUT 4 Video input TUNER	• Feed the PAL Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. • Feed the PAL colour bar signal to TUNER. • The PAL colour bar pattern should have the synchronization level of 7:3 with the picture. [Video input signal setting]  [PAL colour bar] 
2	Auto adjustment performance	Process adjustment mode page 3	Bring the cursor on [■PAL ALL Adjust] and press [OK]. [■PAL ALL Adjust Finish] appears when finished.

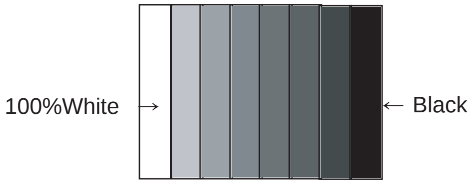
(3) SECAM signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] SECAM Full Field Colour Bar [Terminal] INPUT 4 Video input	• Feed the SECAM Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. 
2	Auto adjustment performance	Process adjustment mode page 5	Bring the cursor on [■SECAM MAIN Adjust] and press [OK]. [■SECAM MAIN Adjust Finish] appears when finished.

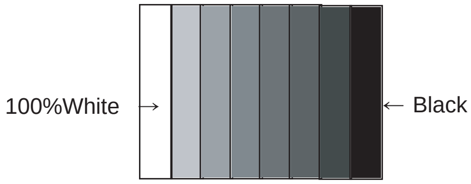
(4) N358 signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] N358 Full Field Colour Bar [Terminal] INPUT 4 Video input	• Feed the NTSC Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. 
2	Auto adjustment performance	Process adjustment mode page 6	Bring the cursor on [■N358 MAIN Adjust] and press [OK]. [■N358 MAIN Adjust Finish] appears when finished.

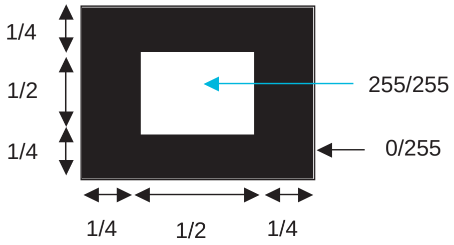
(5) Component 15K signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] COMP 15K 60Hz 100% Full Field Colour Bar [Terminal] INPUT 3 component input	• Feed the Component 15K 100% Full Field colour bar signal (100% colour saturation) to INPUT 3 component input. 
2	Auto adjustment performance	Process adjustment mode page 7	Bring the cursor on [■COMP 15K ALL Adjust] and press [OK]. [■COMP 15K ALL Adjust Finish] appears when finished.

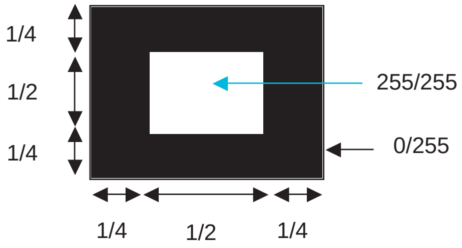
(6) Component HDTV adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] COMP 33K 60Hz 100% Full Field Colour Bar [Terminal] INPUT 3 component input	• Feed the Component 33K (1080i) 100% Full Field colour bar signal (100% colour saturation) to INPUT 3 component input. 
2	Auto adjustment performance	Process adjustment mode page 8	Bring the cursor on [■HDTV Adjust] and press [OK]. [■HDTV Adjust Finish] appears when finished.

(5) DVI-I (analog) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (analog) input. 
2	Auto adjustment performance	Process adjustment mode page 9	Bring the cursor on [■DVI ANALOG] and press [OK]. [■DVI ANALOG Finish] appears when finished.

(6) DVI-I (digital) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (digital) input. 
2	Auto adjustment performance	Process adjustment mode page 10	Bring the cursor on [■DVI DIGITAL] and press [OK]. [■DVI DIGITAL Finish] appears when finished.

2) Key writing

(1) HDCP key writing

	Adjusting point	Adjusting conditions	Adjusting procedure
1	HDCP key writing (enables the HDCP operation)	Process adjustment mode page 2	Bring the cursor on "KEY WRITE". Set to [ON] using [◢(+)] or [◢(–)] key, and press [OK]. When "KEY WRITE OFF" is displayed, writing is complete.

3) Factory Setting

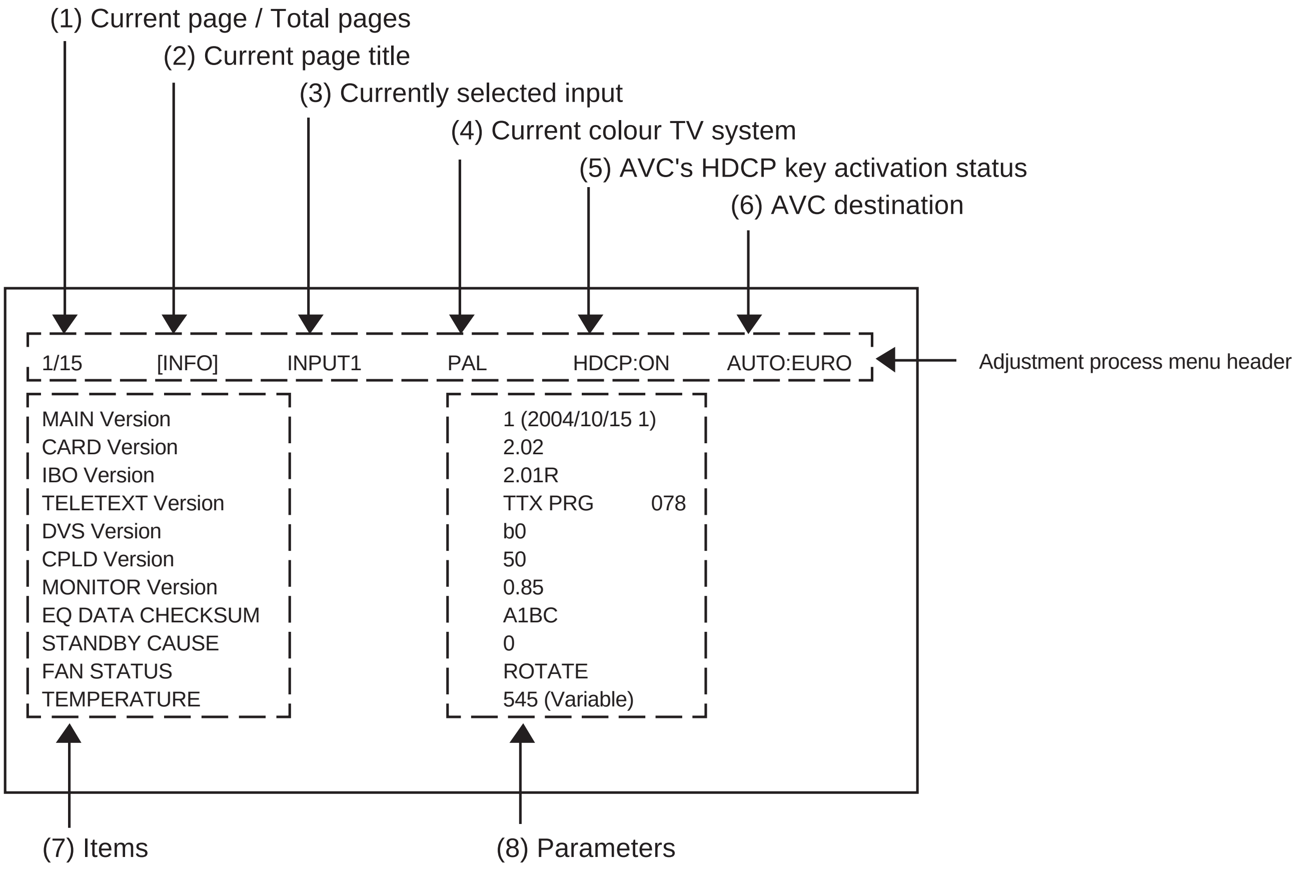
	Adjusting point	Adjusting conditions	Adjusting procedure
1	Factory setting	Process adjustment mode page 2	• Bring the cursor on to "INDUSTRY INIT". • Set to [ON] using [◢ (+)] or [◢ (–)] key, and press [OK] to execute the initialization. After the start of execution, the input switches to DTV. Visually check that the "Virgin Mode" appears on the DTV Display. When the initialization is complete, the process adjustment mode screen is replaced by the TUNER screen. * When HDCP is OFF, the process mode is not exited even if the factory setting is complete. Confirm the HDCP setting. • Turn off AC power to the AVC system. **(Never shut off the power during the initialization process.)**
			The following settings are initialized in this adjustment. 1) User setting 2) Channel data (e.g. broadcast frequencies) 3) Operation time 4) Auto installation flag 5) Maker optional setting 6) Password data

Caution: After the factory setting is performed, never turn on the power. If the power is turned on, perform the factory setting again. Do not set to "OFF" with a remote control or AVC power SW.

To exit the process adjustment mode, unplug the AC power cable from the outlet to make a forced shutdown.

5. Description of Display

1) Description of display


(1) Current page / Total pages
(2) Current page title
(3) Currently selected input
(4) Current colour TV system
(5) AVC's HDCP key activation status
(6) AVC destination
Adjustment process menu header
(7) Items
(8) Parameters

1/15 [INFO] INPUT1 PAL HDCP:ON AUTO:EURO

MAIN Version	1 (2004/10/15 1)
CARD Version	2.02
IBO Version	2.01R
TELETEXT Version	TTX PRG 078
DVS Version	b0
CPLD Version	50
MONITOR Version	0.85
EQ DATA CHECKSUM	A1BC
STANDBY CAUSE	0
FAN STATUS	ROTATE
TEMPERATURE	545 (Variable)

2) Description of adjustment process menu header

No	Description	Display
(1)	Current page / Total pages	2char/2char Decimal notation
(2)	Current page title	max15char "[" "]"Appears in brackets.
(3)	Currently selected input	TUNER/DTV/INPUT1/INPUT2/INPUT3/INPUT4/INPUT5/ CARD(Depends on the product's input capability)
(4)	Current colour TV system	NTSC/PAL/SECAM/COMP15K/COMP33K/COMP45K/ COMP28K/COMP31K
(5)	AVC's HDCP key activation status	HDCP:ON /HDCP:OFF
(6)	AVC destination	JAPAN/USA/EURO/ASIA/CHINA/HONGKONG
(7)	Items	max30char
(8)	Parameters	max60char

6. Process adjustment mode list

●Process menu list

Page	Item		Explanation
1/15	[INFO]		
	MAIN Version	1.0(E 2004/10/20	MAIN microcomputer'fs version display
	CARD Version	2.02	CARD unit'fs version display
	IBO Version	2.01R	DVB-T (IBO) unit'fs version display
	TELETEXT Version	TTX PRG 078	TELETEXT microcomputer'fs version display
	DVS Version	b0	DVS version display
	CPLD Version	50	CPLD version display
	Monitor Version	0.85	Monitor microcomputer'fs version display
	EQ DATA CHECKSUM	A1BC	Audio data checksum display
	STANDBY CAUSE	0	Last standby cause code display
	FAN STATUS	ROTATE	Fan status display, ROTATE/STOP (500msec interval)
	TEMPERATURE	545(Variable)	Hexadecimal display of thermistor value (500msec interval)
2/15	[INIT]		
	INDUSTRY INIT	OFF	Execution of initialization (Same operation as remote controller initialization)
	DATA COPY	OFF	DATA COPY execution
	KEY WRITE	OFF	HDCP key activation (As default is ON, no need to set to ON in production)
	HOTEL MODE	OFF	HOTEL MODE ON/OFF setting
	Center Acutime	21H 15M	AVC's total operation time display (Reset by initialization)
	RESET	OFF	AVC's total operation time reset
	Backlight Acutime	24H 2M	Monitor's total operation time display (Not reset by initialization)
	RESET	OFF	Monitor's total operation time reset
	VIC XPOS	0	Video level cutout X position
	VIC YPOS	0	Video level cutout Y position
	VIC COLOUR	Y/G	Video level cutout colour setting
	VIC SIGNAL TYPE	PALMAIN	Video level cutout mode setting
	VIC READ	OFF	Video level cutout ON/OFF
3/15	[PAL MAIN]		
	PAL ALL ADJ	Enter	PAL video auto adjustment execution (MAIN+SUB+TUNER DAC)
	PAL MAIN ADJ	Enter	PAL MAIN video auto adjustment
	TUNER DAC ADJ	Enter	PAL TUNER DAC video auto adjustment
	PAL MAIN CONTRAST	240	Contrast adjustment (IC402-CXD3802 adjustment)
	PAL MAIN COLOUR GAIN	100	Colour gain adjustment (IC402-CXD3802 adjustment)
	PAL SUB CONTRAST	155	PAL SUB contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	0	PAL SUB colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER A DAC	112	TUNER DAC video adjustment
4/15	[PAL SUB]		
	PAL SUB ADJ	Enter	PAL SUB video auto adjustment (IC601-VPC3230D adjustment)
	PAL SUB CONTRAST	155	Contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	0	Colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER TEST	Enter	TUNNING TEST
5/15	[SECAM MAIN]		
	SECAM MAIN ADJ	Enter	SECAM video auto adjustment (IC502-CXD2096 adjustment)
	SECAM MAIN CONTRAST	128	SECAM contrast adjustment (IC502-CXD2096 adjustment)
	SECAM MAIN COLOUR GAIN	128	SECAM colour gain adjustment (IC502-CXD2096 adjustment)
6/15	[N358 MAIN]		
	N358 MAIN ADJ	Enter	N358 MAIN video auto adjustment: (IC402-CXD3802 adjustment)
	N358 MAIN CONTRAST	240	Contrast adjustment (IC402-CXD3802 adjustment)
	N358 MAIN COLOUR GAIN	100	Colour gain adjustment (IC402-CXD3802 adjustment)

●Process menu list

Page	Item		Explanation
7/15	[COMP 15K MAIN]		
	COMP15K ALL ADJ	Enter	COMP 15K video auto adjustment execution (IC402-CXD3802 adjustment)
	COMP15K MAIN ADJ	Enter	COMP 15K MAIN auto adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB ADJ	Enter	COMP 15K SUB auto adjustment (IC601-VPC3230D adjustment)
	COMP15K MAIN CONTRAST	240	Contrast adjustment (IC402-CXD3802 adjustment)
	COMP15K MAIN COLOUR GAIN	100	Colour gain adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB CONTRAST	145	Contrast adjustment (IC601-VPC3230D adjustment)
	COMP15K SUB COLOUR GAIN	100	Colour gain adjustment (IC601-VPC3230D adjustment)
8/15	[HDTV]		
	HDTV ADJ	Enter	HDTV video auto adjustment: (IC402-CXD3802 adjustment)
	CONTRAST	240	Contrast adjustment: (IC402-CXD3802 adjustment)
	COLOUR GAIN	100	Colour gain adjustment: (IC402-CXD3802 adjustment)
9/15	[DVI ANALOG]		
	DVI ANALOG	Enter	DVI analog video auto adjustment
	R CUT OFF	650	R-CUT OFF adjustment
	G CUT OFF	650	G-CUT OFF adjustment
	B CUT OFF	650	B-CUT OFF adjustment
	R DRIVE	300	R-DRIVE adjustment
	G DRIVE	300	G-DRIVE adjustment
	B DRIVE	300	B-DRIVE adjustment
10/15	[DVI DIGITAL]		
	DVI DIGITAL	Enter	DVI digital video auto adjustment
	R CUT OFF	650	R-CUT OFF adjustment
	G CUT OFF	650	G-CUT OFF adjustment
	B CUT OFF	650	B-CUT OFF adjustment
	R DRIVE	300	R-DRIVE adjustment
	G DRIVE	300	G-DRIVE adjustment
	B DRIVE	300	B-DRIVE adjustment
11/15	[M GAMMA]		
	MONITOR R GAMMA LO	0	Monitor gamma table R-LO side adjustment
	MONITOR G GAMMA LO	0	Monitor gamma table G-LO side adjustment
	MONITOR B GAMMA LO	0	Monitor gamma table B-LO side adjustment
	MONITOR R GAMMA HI	100	Monitor gamma table R-HI side adjustment
	MONITOR G GAMMA HI	100	Monitor gamma table G-HI side adjustment
	MONITOR B GAMMA HI	100	Monitor gamma table B-HI side adjustment
	GAMMA WRITE	OFF	Writing in monitor gamma table
	GAMMA RESET	OFF	Reset of monitor gamma table
12/15	[M GAMMA 6_R]		
	MONITOR R GAMMA 1	–	Unused (For one apparatus)
	MONITOR R GAMMA 2	–	
	MONITOR R GAMMA 3	–	
	MONITOR R GAMMA 4	–	
	MONITOR R GAMMA 5	–	
	MONITOR R GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	

Page	Item		Explanation
13/15	[M GAMMA 6 G]		
	MONITOR G GAMMA 1	–	Unused (For one apparatus)
	MONITOR G GAMMA 2	–	
	MONITOR G GAMMA 3	–	
	MONITOR G GAMMA 4	–	
	MONITOR G GAMMA 5	–	
	MONITOR G GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	
14/15	[M GAMMA 6 B]		
	MONITOR B GAMMA 1	–	Unused (For one apparatus)
	MONITOR B GAMMA 2	–	
	MONITOR B GAMMA 3	–	
	MONITOR B GAMMA 4	–	
	MONITOR B GAMMA 5	–	
	MONITOR B GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	
15/15	[ETC]		
	DATA COPY FOR INIT	ON	Data copy for initialization: Prohibited
	EEP SAVE	OFF	Saving adjustment value in storage area
	EEP RECOVER	OFF	Retrieving adjustment value from storage area
	AUTO INSTALLATION SW	1	Prohibited
	STANDBY CAUSE RESET	OFF	Reset of standby cause: Prohibited
	SYS MODEL COUNTRY	AUTO	Destination setting: Prohibited

ADJUSTMENT PROCEDURE (LC-45GD1E)

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. Preparation for the adjustment

When replacing E2PROM IC (IC5305), use the unit on which software has been written.
Relevant units: DUNTKC470VJ52 (TMDS RX Unit) (IC5305)

2. Adjustment procedure

Enter the adjustment process mode → Adjust VLS BIAS (15V) voltage → Adjust GRAY LEVEL (14.2V) voltage → Adjust COM BIAS → Adjust background

3. Entering the adjustment process mode (regardless of whether or not the system cable is connected)

[Caution] When entering the adjustment process mode, do not change the set values other than those for the basic adjustment described below. The system may be damaged beyond recovery.

- Connect the system cable between the AVC and the Display.
- Unplug the AC cord with the main power (⏻) of the Display "ON".
- While holding down the "◿ (+)" key and "P(∨)"keys at the same time, plug in the AC cord of the Display. The unit starts up in the "Display process mode".
- Go to page 1 of the "Display adjustment mode".
  If multiple lines of red letters are displayed on the screen, it indicates the successful entry into the process adjustment mode.
  (At this time, the same displays appear on the left and right sides of the screen. This is normal.)

4. Exiting the adjustment process mode

- The adjustment process mode is canceled by shutting off the power (of the remote control or "MAIN-POWER").

5. Key operation in the process adjustment mode

Key	Function 1 (when on the left side of a page)	Function 2 (when changing a numeric value)
Cursor UP ▲	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing (when selecting the W or R item)
Cursor DOWN ▼	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing (when selecting the W or R item)
Cursor RIGHT ▶	Moving to the right by one item Page movement (when on the initial page)	Moving to the right by one item
Cursor LEFT ◀	Moving to the left by one item Page movement (when on the initial page)	Moving to the left by one item
OK	Test pattern off	Executing the item (when selecting the W or R item)
INPUT ⇥	Moving to the next page	Moving to the next page
P_UP (P (∧))	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing (when selecting the W or R item)
P_DOWN (P (∨))	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing (when selecting the W or R item)
VOL_UP (◿ (+))	Moving to the right by one item Page movement (when on the initial page)	Moving to the right by one item
VOL_DOWN (◿ (–))	Moving to the left by one item Page movement (when on the initial page)	Moving to the left by one item

6. Adjustment Procedure

6-1. VLS BIAS (15V) voltage adjustment

Go to [VLS BIAS] item with the cursor (▲/▼) keys and select the value with the cursor (◀/▶) keys. Connect a digital voltage meter to TP4827 (TL4843) on the TOP LCD CONTROLLER PWB and adjust the value with the cursor (▲/▼) keys to 15.00V±0.05V.

6-2. GRAY LEVEL (14.2V) voltage adjustment

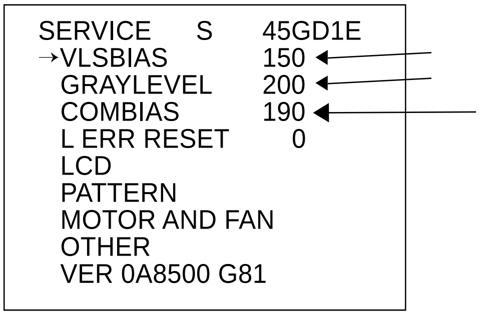
Go to [GRAY LEVEL] item with the cursor (▲/▼) keys and select the value with the cursor (◀/▶) keys. Connect a digital voltage meter to TP4501 (TL4501) on the TOP LCD CONTROLLER PWB and adjust a value with the cursor (▲/▼) keys to 14.20V±0.05V.

Make sure to adjust the value accurately as this power supply voltage will be used as a reference voltage for the gradation voltage.

6-3. COM BIAS adjustment

Go to the [COM BIAS] item with the cursor (▲/▼) keys and select a the value with the cursor (◀/▶) keys. When the value is changed with the cursor (▲/▼) keys, the test pattern appears. Make an adjustment so that the flicker in the center of the right or left half of the screen is minimized.

table of contents of process mode page 0



```
SERVICE     S     45GD1E
→VLSBIAS          150
 GRAYLEVEL        200
 COMBIAS          190
 L ERR RESET        0
 LCD
 PATTERN
 MOTOR AND FAN
 OTHER
 VER 0A8500 G81
```

Make an adjustment so that the flicker on the grade of 100, grade of 10 and grade of 1 is minimized.

6-4. Background adjustment

Perform this adjustment when the white balance (W/B) extremely differs from the other units when replacing the LCD panel or LCD CONTROLLER PWB.

1) Preparation

(1) White balance analyzer: Minolta CA-110

2) Adjustment procedure

(1) Activate the Display only and enter the "Adjust process mode" described in the item 3.

(2) Go to "PATTERN" with the cursor (▲/▼) keys. Press "OK" and go to "PATTERN PAGE2" with the cursor (▼) key.

(3) Adjust ADJ to 6 and press "OK".

(4) Set the 6th point (P6) to the designated gradation and adjust RGB to obtain the standard value for the 6th point.

(5) Set the 1st point (P1) to the designated gradation and calculate the G set value of the 1st point using the following formula: G initial value of the 1st point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 1st point.

(6) Set the 2nd point (P2) to the designated gradation and calculate the G set value of the 2nd point using the following formula: G initial value of the 2nd point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 2nd point.

(7) Set the 3rd point (P3) to the designated gradation and calculate the G set value of the 3rd point using the following formula: G initial value of the 3rd point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 3rd point.

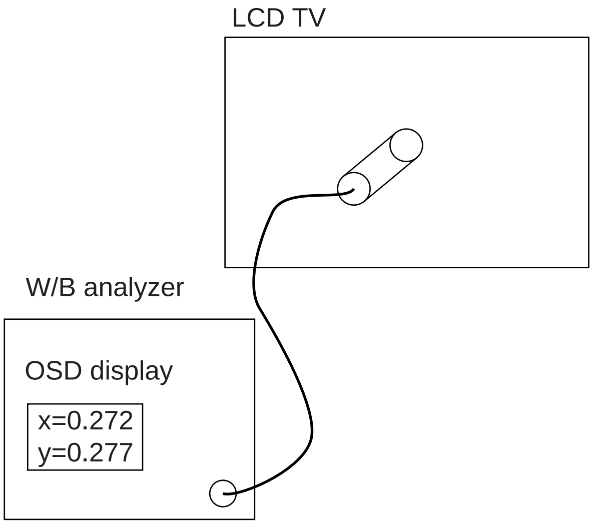
(8) Set the 4th point (P4) to the designated gradation and calculate the G set value of the 4th point using the following formula: G initial value of the 4th point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 4th point.

(9) Set the 5th point (P5) to the designated gradation and calculate the G set value of the 5th point using the following formula: G initial value of the 5th point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 5th point.

(10) Adjust CALC to 1 and calculate. Confirm that the adjustment has been made correctly to exit.

[Tentative value]
Standard value 1: x=0.272, y=0.277 [Minolta CA-110] (192 gradations) (P1)
Standard value 2: x=0.272, y=0.277 [Minolta CA-110] (352 gradations) (P2)
Standard value 3: x=0.272, y=0.277 [Minolta CA-110] (528 gradations) (P3)
Standard value 4: x=0.272, y=0.277 [Minolta CA-110] (656 gradations) (P4)
Standard value 5: x=0.272, y=0.277 [Minolta CA-110] (800 gradations) (P5)
Standard value 6: x=0.278, y=0.285 [Minolta CA-110] (928 gradations) (P6)

3) Connections



OSD display

```
PATTERN      PAGE2
→ ADJ6            CAL C0
  POINT1             0192
  P1    0192 0189 0181
  P2    0358 0347 0332
  P3    0532 0520 0506
  P4    0662 0646 0641
  P5    0802 0788 0797
  P6    0928 0914 0923
```

4) Remarks

If W/B analyzer is not available, adjust the W/B by visually comparing with other units.

7.Lamp error detection

7-1.Feature description

This liquid-crystal colour TV incorporates a lamp error detection feature (lamp error detection) that automatically turns OFF the power for safety under abnormal lamp or lamp circuit conditions.

If anything is wrong with the lamp or lamp circuit or when the lamp error detection feature is activated for some reason, the following will result.

① The power of TV main body is turned OFF about six seconds after it is turned ON. (The power LED on the front of the TV turns red from green and keeps blinking in red (ON for 250ms and OFF for 1sec).)
② If ① occurs five times consecutively, it becomes impossible to turn ON the power. (The power LED keeps blinking in red (ON for 250ms and OFF for 1sec).

7-2.Measures

1). Checking with lamp error detection OFF

Enter the adjustment process mode described in the item 3 and start up the unit. If there is a problem with a lamp or lamp circuit, the lamp will go out. (The power LED is green.)
Then, you can check the operation to see if the lamp and lamp circuit are abnormal.

2). Resetting the lamp error count

After you have finished checking whether the lamp and lamp circuit are abnormal, reset the lamp error count. If a lamp error is detected five consecutive times, the power cannot be turned on.
Therefore, move to the “L ERR RESET” line, the fourth line on the first page of the“Display adjustment mode”, using the “Cursor ▲/▼” keys. Then, reset the “L ERR RESET” value using the “Cursor ◀ / ▶” keys.
In this case, press the “OK” key to reset it to "0".

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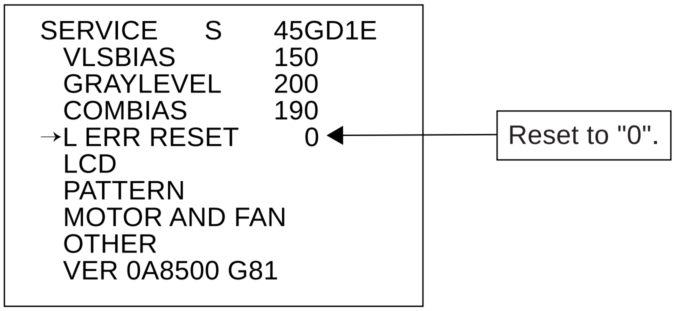


```
SERVICE      S      45GD1E
   VLSBIAS          150
   GRAYLEVEL        200
   COMBIAS          190
 →L ERR RESET         0
   LCD
   PATTERN
   MOTOR AND FAN
   OTHER
   VER 0A8500 G81
```

Reset to "0".

Then perform operation checking and check that the lamp error detection feature is not activated.

List of adjustment process modes (LC-45GD1E)

• Adjustment process mode menu Page 0

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	S	E	R	V	I	C	E		S		4	5	G	D	1	E
1	→	V	L	S	B	I	A	S					1	5	0	
2		G	L	A	Y	L	E	V	E	L			2	0	0	
3		C	O	M	B	I	A	S					1	9	0	
4		L		E	R	R		R	E	S	E	T			0	
5		L	C	D												
6		P	A	T	T	E	R	N								
7		M	O	T	O	R		A	N	D		F	A	N		
8		O	T	H	E	R										
9		V	E	R		0	A	8	5	0	0		G	8	1	

• LCD Page 1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	1							
1	→	P	W	M		C	T	R	L						7	
2		P	W	M		F	R	E	Q			1	2	8	9	
3		P	W	M		D	U	T	Y			0	0	0	0	
4		P	H	A	S	E		D	I	F			0	0	0	
5		O	S	C		F	R	E	Q			0	2	7	3	
6		O	S	C		D	U	T	Y			0	2	6	4	
7		P	W	M		L	O	W					0	0	0	
8		F	O	R	C	E		V	G	A			O	F	F	
9		R	E	V		D	I	S	P				O	F	F	

• LCD Page 2

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	2			T	1	2	1	
1	→	M	O	D	E									P	C	
2		Q	S		S	W							O	F	F	
3		Q	S		D	1							0	8	6	
4		Q	S		D	2							1	0	2	
5		Q	S		D	3							1	1	3	
6		Q	S		D	4							1	2	5	
7		Q	S		D	5							1	3	7	
8		Q	S		D	6							1	4	7	
9		Q	S		D	7							1	6	0	

• LCD Page 3

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	3			A				
1	→	O	P	C		O	F	F						0	0	
2		S	T	E	P		M	O	D	E				3	3	
3		S	M	O	O	T	H							O	N	
4		O	P	C	0	0							0	0	0	
5																
6																
7																
8																
9																

• LCD Page 4

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	4							
1	→	C	S		V	A							1	7	3	
2		C	S		V	B							1	1	3	
3		C	S		V	D	E	F					1	8	3	
4		C	S		V	B	A	S	E				0	8	0	
5																
6																
7																
8																
9																

• LCD Page 5

	0	1	2	3	4		6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	5							
1	→	V	H	0								0	5	1	8	
2		V	H	3	1							0	6	8	1	
3		V	H	6	3							0	6	9	6	
4		V	H	9	5							0	7	3	1	
5		V	H	1	2	7						0	7	5	7	
6		V	H	1	5	9						0	7	9	4	
7		V	H	1	9	1						0	8	2	4	
8		V	H	2	4	7						0	9	4	3	
9																

• LCD Page 6

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	L	C	D		P	A	G	E	6							
1	→	V	L	0								1	0	1	7	
2		V	L	3	1							0	7	2	0	
3		V	L	6	3							0	6	5	6	
4		V	L	9	5							0	5	9	6	
5		V	L	1	2	7						0	5	2	3	
6		V	L	1	5	9						0	4	5	5	
7		V	L	1	9	1						0	4	0	0	
8		V	L	2	4	7						0	1	2	8	
9																

- **PATTERN Page 1**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	P	A	T	T	E	R	N		P	A	G	E	1			
1	→	P	A	T	T	E	R	N		1				0	0	
2		P	A	T	T	E	R	N		2				0	0	
3		P	A	T	T	E	R	N		3				0	0	
4		P	A	T	T	E	R	N		4					0	
5		P	A	T	T	E	R	N		R			2	5	5	
6		P	A	T	T	E	R	N		G			2	5	5	
7		P	A	T	T	E	R	N		B			2	5	5	
8		P	A	T	T	E	R	N		A			0	0	0	
9																

- **PATTERN Page 2**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	P	A	T	T	E	R	N		P	A	G	E	2			
1	→	A	D	J	0						C	A	L	C	0	
2		P	O	I	N	T	1					0	1	9	2	
3		P	1	0	1	9	2	0	1	8	9	0	1	8	1	
4		P	2	0	3	5	8	0	3	4	7	0	3	3	2	
5		P	3	0	5	3	2	0	5	2	0	0	5	0	6	
6		P	4	0	6	6	2	0	6	4	6	0	6	4	1	
7		P	5	0	8	0	2	0	7	8	8	0	7	9	7	
8		P	6	0	9	2	8	0	9	1	4	0	9	2	3	
9																

- **MOTOR FAN Page 1**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	M	O	T	O	R		F	A	N							
1		M	O	T	O	R		T	E	S	T					
2																
3		M	O	T	O	R		C	E	N	T	E	R			
4		M	O	T	O	R		C	M	D						
5																
6	→	E	R	R		L	E	V	E	L			0	7	7	
7		F	A	N		S	T	A	R	T			2	2	4	
8		F	A	N		S	T	O	P				2	3	0	
9		T	E	M	P		E	R	R				0	5	5	

Note: These items are not selectable.

- **OTHERS Page 1**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	O	T	H	E	R		P	A	G	E	1					
1									A	D	D		D	A	T	
2	→	E	E	P					0	0	0			0	0	
3		T	M	D	S						0			0	0	
4		L	C	D			0			0	0			0	0	
5		Q	S				0			0	0			0	0	
6		P	I	C	T		0			0	0			0	0	
7																
8																
9																

- **OTHERS Page 2**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	O	T	H	E	R		P	A	G	E	2		1	2	7	
1		M	O	D	E	L		S		4	5	G	D	1	E	
2																
3	→	C	L	R		M	O	D	E						0	
4		L		E	R	R		S	T	O	P				0	
5		G	A	M	M	A		A	D	D		0	0	0	0	
6				0	0	0	0	0	0	0	0	0	0	0	0	
7		R	E	M	O	C	O	N							0	
8																
9																

- **OTHERS Page 3**

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	O	T	H	E	R		P	A	G	E	3					
1	→	T	I	M	E		O	U	T					O	N	
2		E	X		I	O			A	V	C		L	E	D	
3		I	O					0	0	0	0	0	0	0	0	
4		D	A	C				0	0	0	0	0	0	0	0	
5																
6		E	R	R	O			1	1	1	1	1	1	1	1	
7																
8																
9																

Process adjustment list

1st level	Page	Item	Setting range	Initial value	REMARK
Contents	1	VLSBIAS	0~255	150	
		GRAYLEVEL	0~255	200	
		COMBIAS	0~255	190	
		L ERR RESET	Zero clear	0	
LCD	1	PWMCTRL	0~7	7	(Varies depending on the dimmer setting value.)
		PWM FREQ	0~4095	1289	
		PWM DUTY	0~4095	0000	
		PHASEDIF	0~255	000	
		OSC FREQ	0~255	0273	
		OSC DUTY	0~255	0264	
		PWM LOW	0~255	000	
		FORCE VGA		OFF	
		REV DISP		OFF	
	2	MODE	50Hz, 60Hz, PC	PC	(Varies depending on the AVC connection.)
		QS SW	OFF/ON	OFF	(Varies depending on the menu setting.)
		QS D1	0~255	086	
		QS D2	0~255	102	
		QS D3	0~255	113	
		QS D4	0~255	125	
		QS D5	0~255	137	
		QS D6	0~255	147	
		QS D7	0~255	160	
	3	OPC OFF (ON/OFF)	0~32 (IF17=00~16)	00	(Varies in the step mode.)
		STEP MODE	17/33	33	
		SMOOTH		ON	
		OPC 00 (00-16/00-32)	000~255	000	(Varies depending on the OPC setting conditions.)
	4	CS VA	0~255	173	
		CS VB	0~255	113	
		CS VDEF	0~255	183	
		CS VBASE	0~255	080	
	5	VH0	0~1023	0518	
		VH31	0~1023	0681	
		VH63	0~1023	0696	
		VH95	0~1023	0731	
		VH127	0~1023	0757	
		VH159	0~1023	0794	
		VH 191	0~1023	0824	
		VH247	0~1023	0943	
	6	VL0	0~1023	1017	
		VL31	0~1023	0720	
		VL63	0~1023	0656	
		VL95	0~1023	0596	
		VL127	0~1023	0523	
		VL159	0~1023	0455	
		VL191	0~1023	0400	
		VL247	0~1023	0128	

1st level	Page	Item	Setting range	Initial value	REMARK
PATTERN	1	PATTERN 1	10~14	00	
		PATTERN 2	0~12	00	
		PATTERN 3	0~5	00	
		PATTERN 4	0~5	0	
		PATTERN R	0~255	255	
		PATTERN G	0~255	255	
		PATTERN B	0~255	255	
		PATTERN A	0~255	000	
	2	ADJ6 (0-6)	-	CALC0	"1" during the calculation.
		POINT1	0000~1024	0192	(AD value)
		P1	0000~1024	0192 0189 0181	(AD value)
		P2	0000~1024	0358 0347 0332	(AD value)
		P3	0000~1024	0532 0520 0506	(AD value)
		P4	0000~1024	0662 0646 0641	(AD value)
		P5	0000~1024	0802 0788 0797	(AD value)
		P6	0000~1024	0928 0914 0923	(AD value)
MOTOR FAN	1	MOTOR TEST	-	TEST	(Not selectable: displayed only)
		MOTOR CENTER	-	CENTER	(Not selectable: displayed only)
		MOTOR CMD	-	CMD	(Not selectable: displayed only)
		ERR LEVEL	0~255	077	
		FAN START	0~255	224	
		FAN STOP	0~255	230	
		TEMP ERR	0~255	055	
OTHER	1			ADD DAT	
		EEP	000~3FF	000 00	
		TMDS	0~F	0 00	
		LCD 0	0~FF	00 00	
		QS 0	0~FF	00 00	
		PICT 0	0~FF	00 00	
	2	CLR MODE	0~1	0	"1" when "OK" is entered.
		L ERR STOP	0~1	0	
		GAMMA ADD	0~1	0000 000000000000	
		REMOCON	0~1	0	
	3	TIMEOUT ON	ON/OFF	ON	
		EX IO AVC LED	AVC LED↔ AVC ANT↔ AVC POW↔MON LED	AVC LED	
		IO	0~1	00000000	(AD value)
		DAC	0~1	00000000	(AD value)
		ERRO	0~1	11111111	

Software Upgrade Procedure (for Europe model (separate type))

Caution: While rewriting a microcomputer software, never power off the unit. Otherwise the system may be damaged beyond recovery.

The model employs the following software.
1. Main software (AVC system)
2. Monitor microcomputer software (Display)
3. Card microcomputer software
4. Digital Broadcasting Receiver microcomputer software.

The main software and the monitor microcomputer software can be upgraded by using a general-purpose SD memory card, while the card microcomputer software by using a PC card. The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microcomputer software, the card microcomputer software and Digital Broadcasting Receiver microcomputer software.

1. Main software version upgrade

Get ready before you start

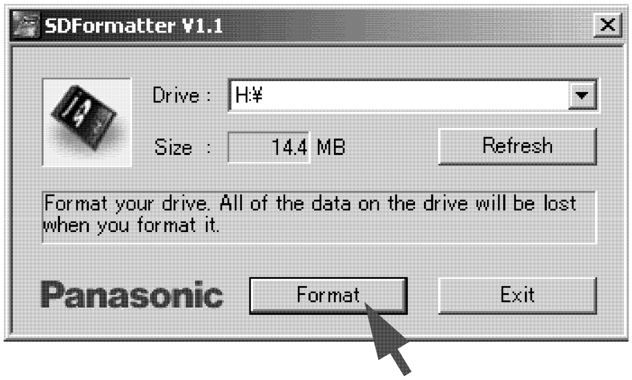
- SD memory card of 16MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- USB reader/writer and PC card adapter for reading and writing SD memory card
- Software for formatting SD card

(Downloadable at http://panasonic.jp/support/audio/sd/download/sd_formatter_e.html)

Preparation

To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start. Follow the steps below and create the SD card for version upgrade.

① Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format].
(When you have the drive options, select the drive where the SD card is inserted before you proceed.)



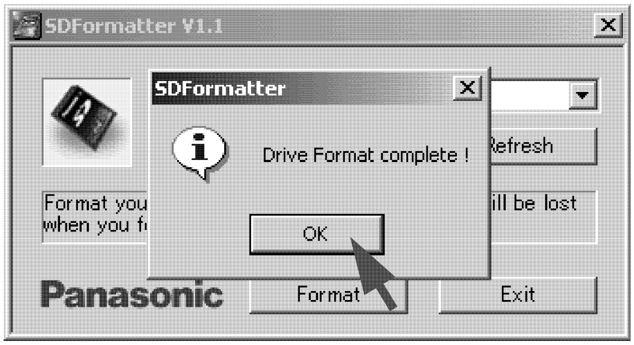
SDFormatter V1.1

Drive : H:¥

Size : 14.4 MB

Format your drive. All of the data on the drive will be lost when you format it.

② When the formatting is over, the following window appears. Click [OK].



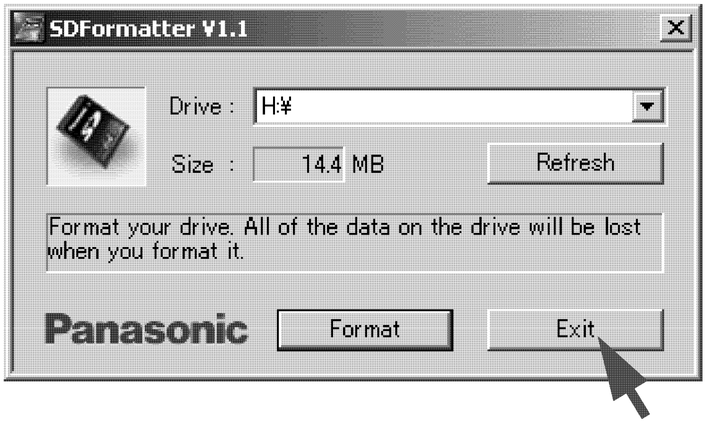
SDFormatter V1.1

SDFormatter

Drive Format complete !

③ Click [Exit] to finish the formatting.

∗ When you are done, take out the SD card once to make sure it is finished, and then insert it again.



Format your drive. All of the data on the drive will be lost when you format it.

④ Copy the binary image file KD2EAxxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.

∗ In the SD card drive, do not put other folders or unrelated files, or more than one binary image files for version upgrade.

Now the SD card for version upgrade is ready.

How to upgrade the software

Software upgrading can be done regardless of whether a dedicated display is connected or not. You can view the progress on the dedicated display if it is connected. When such display is not used, see the power LED on the AVC system which blinks according to the status of upgrading. Please note that, unlike the digital model, the progress of upgrading does not appear on the screen of the TV set connected to the video output terminal of the AVC system.

① Shut off the AC power to the AVC system (i.e. unplug the AC power cable).

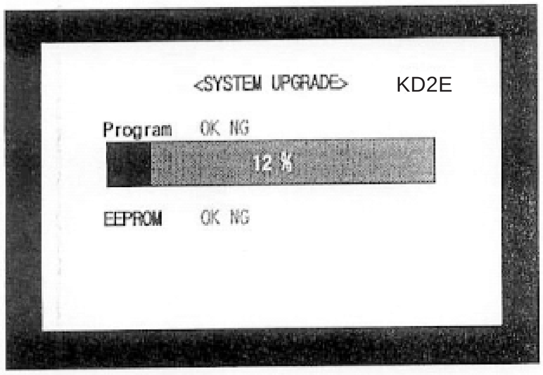
② Insert the SD card for version upgrade (prepared as above) into the service socket below the CENTER CHANNEL INPUT terminal in the rear of the AVC system, keeping the cut corner of the SD card at the right-hand side.

∗ If the SD card is inserted with wrong orientation, the card will go deep inside the unit beyond retrieval. Use due care to insert the SD card in a correct way.

③ While depressing the SYSTEM RESET button in the front of the AVC system, turn on the AC power (i.e. plug in the AC power cable).

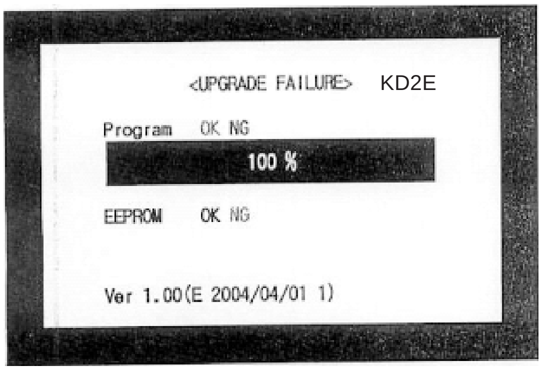
∗ After the AVC system is started, you may release the SYSTEM RESET button.

④ After the AVC system startup, the system upgrade screen as shown below appears within 10-20 seconds.



⑤ Even a single failure in the process will trigger the upgrade failure screen as shown below. The word "NG" changes to red for the item failed.

∗ In the event of a failure, repeat the upgrading process. If the process repeatedly fails, the hardware failure is likely.



<UPGRADE FAILURE> KD2E

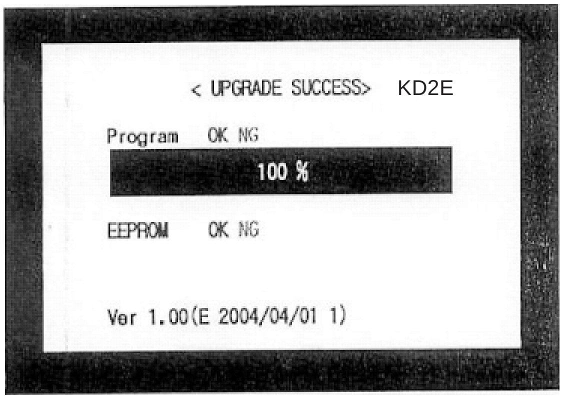
Program OK NG

100 %

EEPROM OK NG

Ver 1.00(E 2004/04/01 1)

⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



< UPGRADE SUCCESS> KD2E

Program OK NG

100 %

EEPROM OK NG

Ver 1.00(E 2004/04/01 1)

⑦ Shut off the AC power to the AVC system (unplug the AC power cable), and remove the SD card for version upgrade.

⑧ Now the software version upgrade is complete.

∗ When you are done with the software version upgrade, start the unit, go to the top page of the adjustment process screen and check the main software version information.

2. Monitor microprocessor software version upgrade

Get ready before you begin

Get ready the same items as listed in the "Main software version upgrade".

Preparation

Create the SD card for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image file for monitor microprocessor software version upgrade to the SD card drive.

How to upgrade the software

During the monitor microprocessor software version upgrade, the progress of upgrading is not shown on the display screen. The upgrading process is seen in the blinking of the power LED.

① Shut off the AC power to the unit (i.e. unplug the AC cord).
② Insert the SD card for version upgrade (prepared as above) into the service socket.

Note: If the SD card isn't inserted properly, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

③ While depressing the DIGITAL RESET button, turn on the AC power (i.e. plug in the AC cord).

Note: After the turning on backlight you may release the DIGITAL RESET button.

Caution!!
The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may have a serious damage beyond recovery (inability to start).

④ After few seconds from turning on backlight, you will see turning off the backlight.
⑤ The unit restarts automatically, and the normal startup screen appears (it will take 2-3 minutes).
⑥ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.
⑦ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information.

3. Card microprocessor software version upgrade

Get ready before you start

- CF (Compact Flash) of 32MB or higher capacity
- PCMCIA adapter for CF
- PC with PCMCIA slot running on Windows 98/98SE/ME/2000/XP operating system

Creating the PC card for version upgrade

Formatting the PC card

① Insert the PC card into the PC card slot.
② Open [My Computer] window, choose the relevant drive (e.g. H drive) and right-click it.
③ Select [Format] in the menu.
④ Under the file system, there are [FAT32] and [FAT] options. Select [FAT], and click [Start].
⑤ A dialog box requesting your confirmation appears. Click [OK].
⑥ Wait until the formatting is over. Then click [OK].
After this, click [Close].

Creating a new "boot" folder directly under the card root directory

① Create H:¥boot if the card is in H:¥drive.
② Click [File], point to [New Creation], and click [Folder].
③ Rename the folder as [boot].

Copying the version upgrade file to the PC card

Using a drag-and-drop action, copy the "aqb5cu.img" (temporarily named) file for version upgrade to the "boot" folder.

Removing the PC card

① Click [Safely removing hardware] in the task bar, select [PCMCIA IDE/ATAPI Controller], and click [Stop].
② Select PC card in [Stop hardware device], and click [OK].
③ After confirming that you can safely remove the hardware, remove the PC card.
Now the PC card for version upgrade is ready.

How to rewrite the software

After rewriting the software, check the version No. in the process mode.

① With the set still powered on, pull the AC power plug out of the wall outlet to turn it off forcedly.
② Insert into the set the PC card created in "Creating the PC card for version upgrade" described above.
③ Insert the AC power plug back into the wall outlet.
④ Select the card mode by pressing the menu button.
⑤ The card microcomputer programs are read from the PC card automatically.
Wait for about 2 minutes until the reading is completed. Nothing is displayed for about 50 seconds after power-on.
Step 1: The OSD display "Card error ~" appears.
Step 2: When the OSD display "Card is being read" appears, the reading is completed successfully.
* If the reading ends in failure, perform the above steps 1 to 5 again after power-off.
⑥ Disconnect the AC power plug from the wall outlet to turn off the set forcedly.

4. Software Upgrade Procedure for Digital Broadcasting Receiver

① Applicable Models

- TU-45GD1E/K/I/F

② Equipment Required

- PC card-sized flash memory card: 1

The following Compact Flash cards and PCMCIA Compact Flash card adapters are available.

Support the following Compact Flash card PCMCIA Compact Flash card adapters.

Manufacture	Product Number	Description
Sandisk	SDCFB-32-768	32MB Compact Flash card
Sandisk	SDCFB-64-768	32MB Compact Flash card
Kingston	CF/32	32MB Compact Flash card
Kingston	CF/64	64MB Compact Flash card
Integral		32MB Compact Flash card
Integral		64MB Compact Flash card
Sandisk	SDCF-38	PCMCIA Compact Flash card adapter
MicroTech	CFA	PCMCIA Compact Flash card adapter
Integral		PCMCIA Compact Flash card adapter

③ Preparation

1. Copy the software to download from your Windows computer to the flash card.
   Open Explorer.exe on your Windows computer and copy “FCL.IMG” and “IBOP.IMG” in the “Verx.xx” folder (xx stands for the version of the software to download) to the top directory of the flash card.
   * Distribution method of the software will be informed to you separately.

2. Check the version of the software to be upgraded, if possible.
   The version of the software installed on the unit can be checked by following these menu options: DTV menu -> Setup -> Installations -> Software version.

3. Switch the image source to “DTV” and turn off the power.

④ Procedure

Upgrade the “Digital Broadcasting Receiver Unit Software”.

Case A: When the versions differ between the installed software and software to download

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.
   Download starts automatically.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.

4. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

5. Turn off the power and remove the flash memory card from the CI slot.

Case B: When the versions are the same between the installed software and software to download

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.

4. Download the software manually as follows:
   - Use the buttons on the main unit or remote control to display the process mode screen.
   - Set “DVB-T PROG UPDATE” to “ON” and press the “OK” button.
   Download starts.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.
   - Use the buttons on the main unit or remote control to exit the process mode screen.

5. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

6. Turn off the power and remove the flash memory card from the CI slot.

Case C: When the version of the installed software cannot be confirmed

If the digital broadcasting receiver unit does not activate properly or enters the download mode immediately after it is activated, perform the following procedure.

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.
   Download starts automatically.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.

4. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

5. Turn off the power and remove the flash memory card from the CI slot.

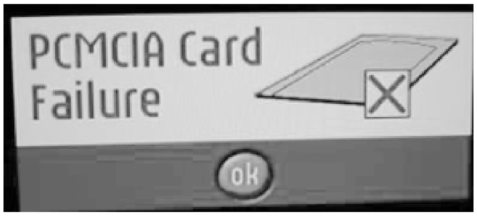
   This is the end of the download process.

Notes:
- Download takes about 2 minutes. Once the download starts, never turn off the power until the unit is reset automatically, or error message appears.
- After the download process is complete, perform the search operation from the menu, if necessary. Especially for Case C in “Procedure”, search (or Reinstall all services) should be performed as there is a high possibility that the service list has disappeared.

⑤ Troubleshooting

Error message may appear when the download is not completed properly.

Case A: Card identification failed



PCMCIA Card Failure

The unit failed to detect the card. Loose insertion or poor contact may be the cause. Follow the procedure below.

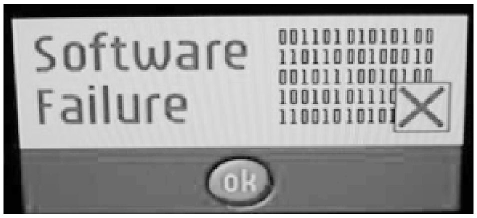
1. Turn off the power of the unit.

2. Remove the flash memory card from the CI slot.
- Check whether the Compact Flash card is inserted fully.
- Check that the used Compact Flash card or adapter is listed in the table under “Equipment Required”.

3. Re-insert the flash memory card into the CI slot.
- Ensure that the card is inserted fully into the slot.

4. Download the software again according to the above “Procedure”.

Case B: Software compatibility error



Software Failure

The software copied to the flash memory card is inappropriate. Copy failure or version incompatibility may be the cause.

1. Turn off the power of the unit.

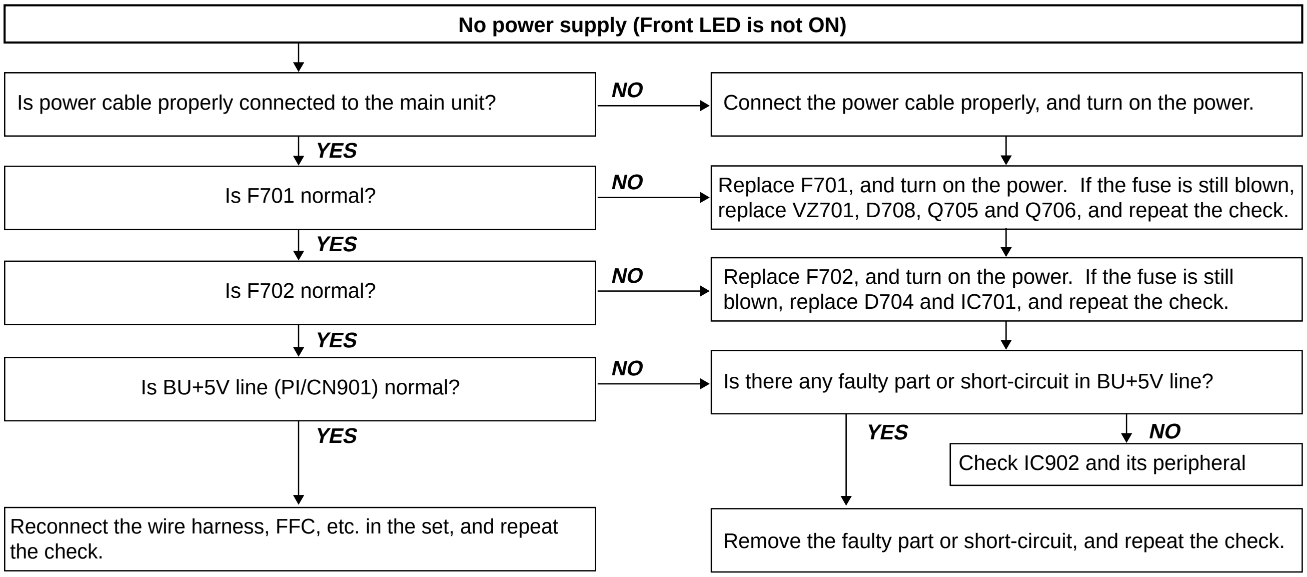
2. Remove the flash memory card from the CI slot.

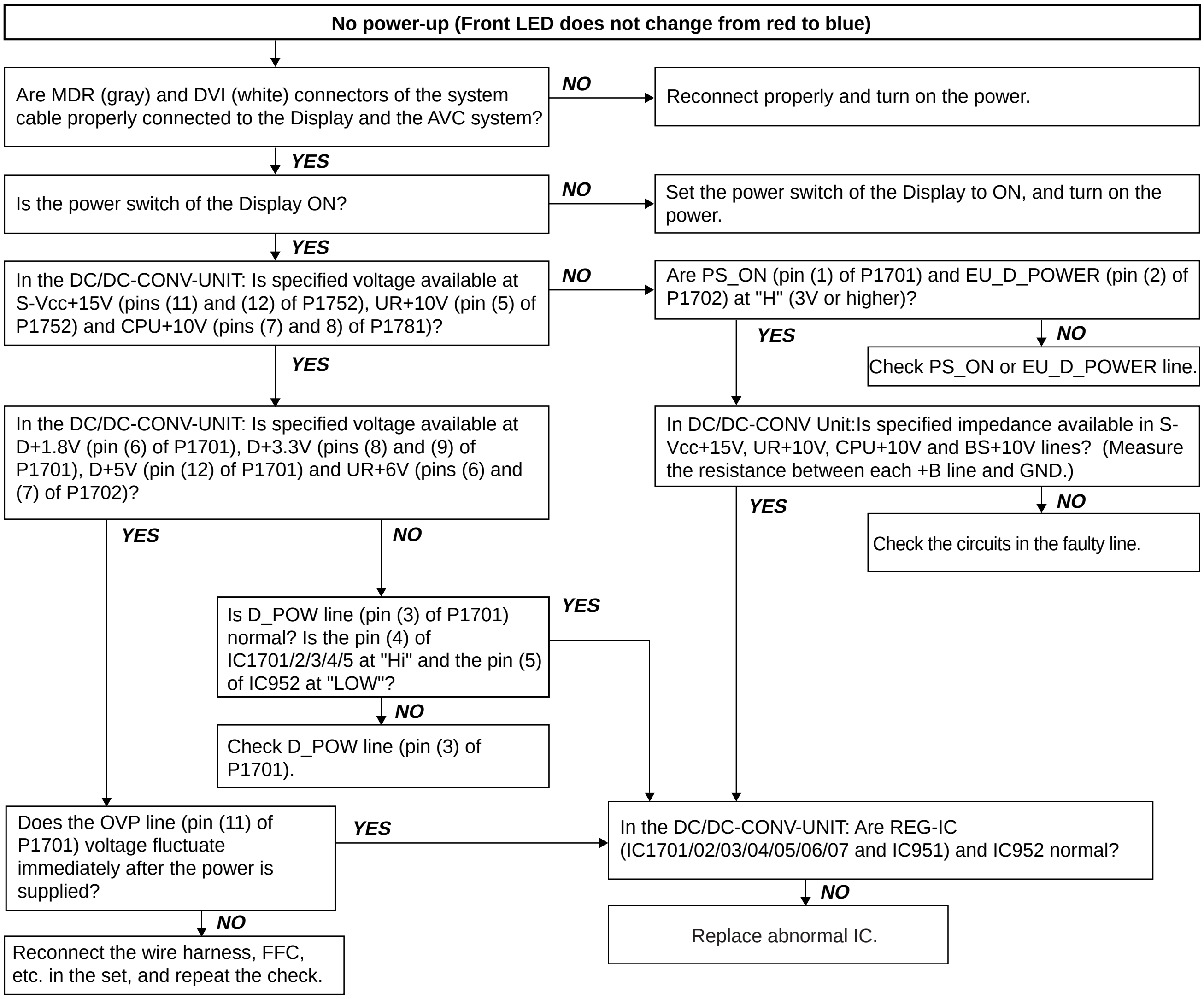
3. Insert the flash memory card into your Windows computer and copy the files again.
   - Check the versions of the files to copy.
   - Check that the files are copied to the top directory of the flash card.
   - Ensure that both files are copied.

4. Re-insert the flash memory card into the CI slot.
   - Ensure that the card is inserted fully into the slot.

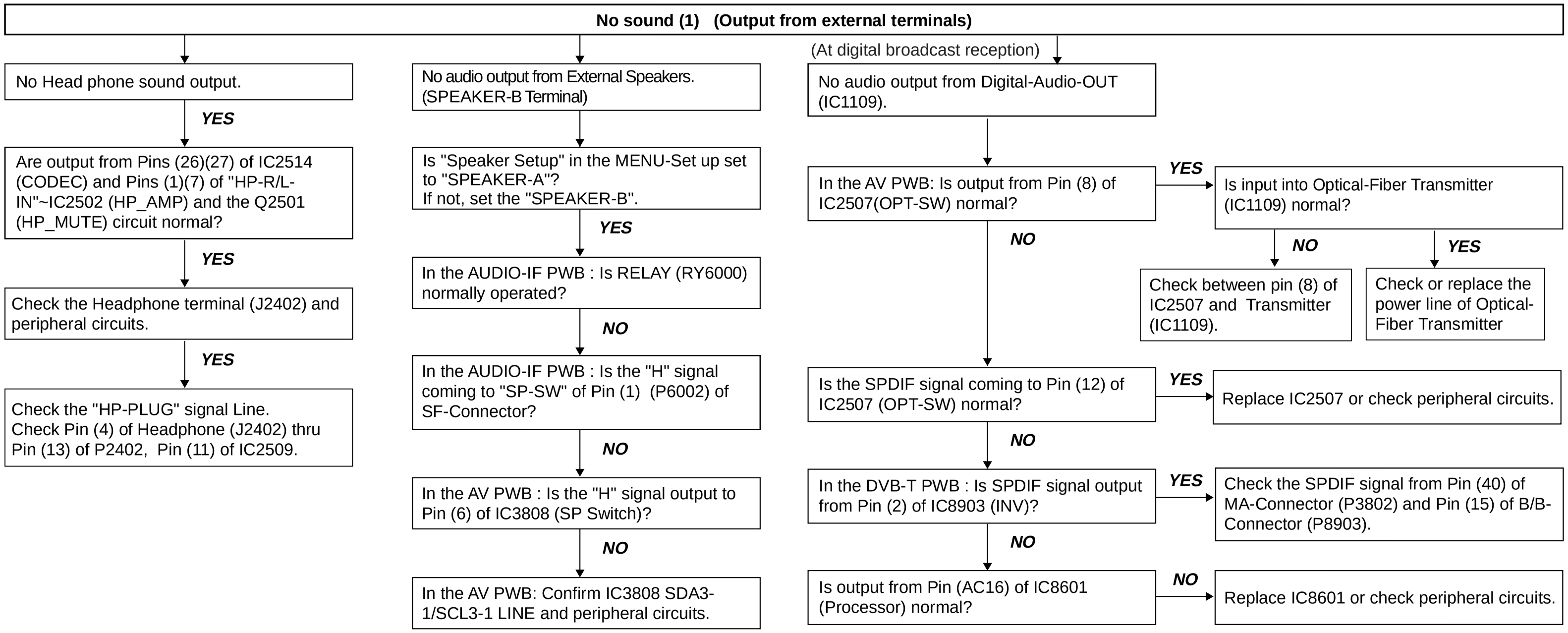
5. Download the software again according to the above “Procedure”.

TROUBLE SHOOTING TABLE (TU-45GD1E)


No power supply (Front LED is not ON)
Is power cable properly connected to the main unit?
NO
Connect the power cable properly, and turn on the power.
YES
Is F701 normal?
NO
Replace F701, and turn on the power. If the fuse is still blown, replace VZ701, D708, Q705 and Q706, and repeat the check.
YES
Is F702 normal?
NO
Replace F702, and turn on the power. If the fuse is still blown, replace D704 and IC701, and repeat the check.
YES
Is BU+5V line (PI/CN901) normal?
NO
Is there any faulty part or short-circuit in BU+5V line?
YES
YES
NO
Check IC902 and its peripheral
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
Remove the faulty part or short-circuit, and repeat the check.


No power-up (Front LED does not change from red to blue)
Are MDR (gray) and DVI (white) connectors of the system cable properly connected to the Display and the AVC system?
NO
Reconnect properly and turn on the power.
YES
Is the power switch of the Display ON?
NO
Set the power switch of the Display to ON, and turn on the power.
YES
In the DC/DC-CONV-UNIT: Is specified voltage available at S-Vcc+15V (pins (11) and (12) of P1752), UR+10V (pin (5) of P1752) and CPU+10V (pins (7) and 8) of P1781)?
NO
Are PS_ON (pin (1) of P1701) and EU_D_POWER (pin (2) of P1702) at "H" (3V or higher)?
YES
NO
Check PS_ON or EU_D_POWER line.
YES
In the DC/DC-CONV-UNIT: Is specified voltage available at D+1.8V (pin (6) of P1701), D+3.3V (pins (8) and (9) of P1701), D+5V (pin (12) of P1701) and UR+6V (pins (6) and (7) of P1702)?
In DC/DC-CONV Unit:Is specified impedance available in S-Vcc+15V, UR+10V, CPU+10V and BS+10V lines? (Measure the resistance between each +B line and GND.)
YES
NO
Check the circuits in the faulty line.
YES
NO
Is D_POW line (pin (3) of P1701) normal? Is the pin (4) of IC1701/2/3/4/5 at "Hi" and the pin (5) of IC952 at "LOW"?
YES
NO
Check D_POW line (pin (3) of P1701).
Does the OVP line (pin (11) of P1701) voltage fluctuate immediately after the power is supplied?
YES
In the DC/DC-CONV-UNIT: Are REG-IC (IC1701/02/03/04/05/06/07 and IC951) and IC952 normal?
NO
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
NO
Replace abnormal IC.

TROUBLE SHOOTING TABLE (Continued)



No sound (1) (Output from external terminals)

No Head phone sound output.

Are output from Pins (26)(27) of IC2514 (CODEC) and Pins (1)(7) of "HP-R/L-IN"~IC2502 (HP_AMP) and the Q2501 (HP_MUTE) circuit normal?

Check the Headphone terminal (J2402) and peripheral circuits.

Check the "HP-PLUG" signal Line.
Check Pin (4) of Headphone (J2402) thru Pin (13) of P2402, Pin (11) of IC2509.

No audio output from External Speakers. (SPEAKER-B Terminal)

Is "Speaker Setup" in the MENU-Set up set to "SPEAKER-A"?
If not, set the "SPEAKER-B".

In the AUDIO-IF PWB : Is RELAY (RY6000) normally operated?

In the AUDIO-IF PWB : Is the "H" signal coming to "SP-SW" of Pin (1) (P6002) of SF-Connector?

In the AV PWB : Is the "H" signal output to Pin (6) of IC3808 (SP Switch)?

In the AV PWB: Confirm IC3808 SDA3-1/SCL3-1 LINE and peripheral circuits.

(At digital broadcast reception)

No audio output from Digital-Audio-OUT (IC1109).

In the AV PWB: Is output from Pin (8) of IC2507(OPT-SW) normal?

Is input into Optical-Fiber Transmitter (IC1109) normal?

Check between pin (8) of IC2507 and Transmitter (IC1109).

Check or replace the power line of Optical-Fiber Transmitter

Is the SPDIF signal coming to Pin (12) of IC2507 (OPT-SW) normal?

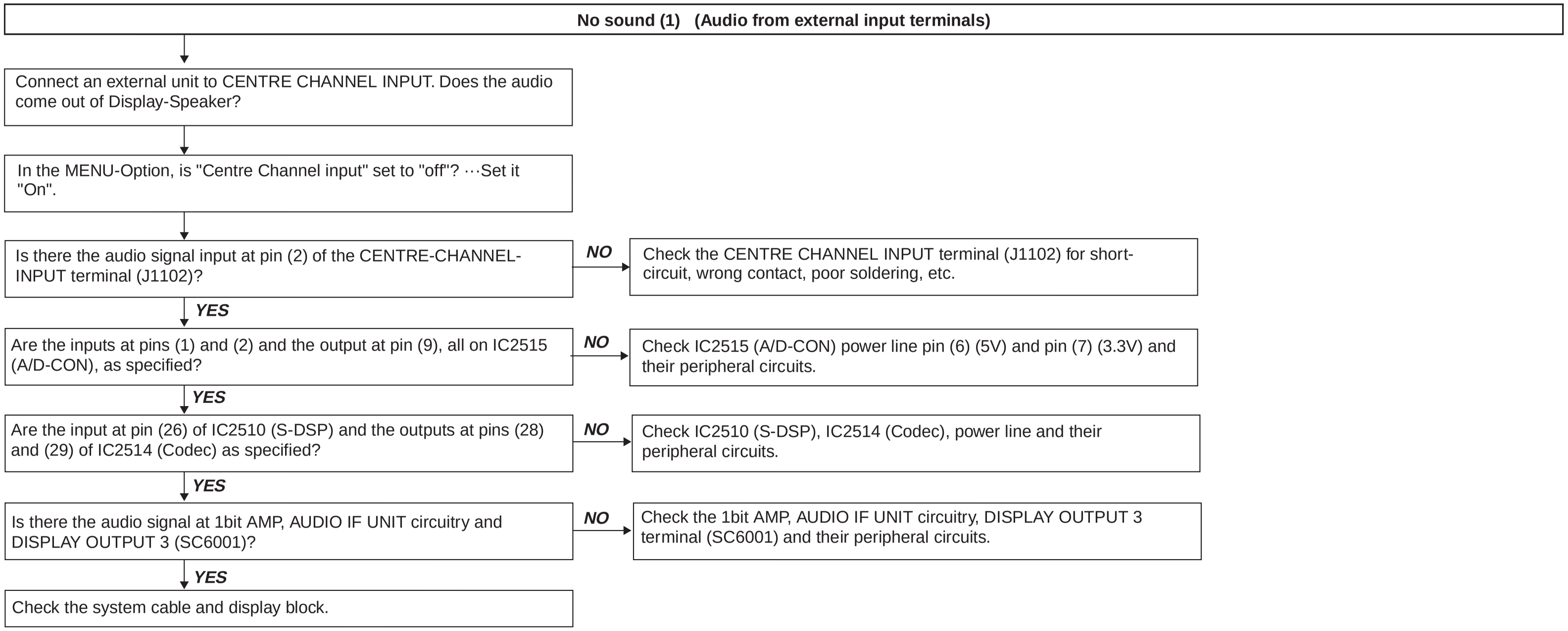
Replace IC2507 or check peripheral circuits.

In the DVB-T PWB : Is SPDIF signal output from Pin (2) of IC8903 (INV)?

Check the SPDIF signal from Pin (40) of MA-Connector (P3802) and Pin (15) of B/B-Connector (P8903).

Is output from Pin (AC16) of IC8601 (Processor) normal?

Replace IC8601 or check peripheral circuits.



No sound (1) (Audio from external input terminals)

Connect an external unit to CENTRE CHANNEL INPUT. Does the audio come out of Display-Speaker?

In the MENU-Option, is "Centre Channel input" set to "off"? ···Set it "On".

Is there the audio signal input at pin (2) of the CENTRE-CHANNEL-INPUT terminal (J1102)?

Check the CENTRE CHANNEL INPUT terminal (J1102) for short-circuit, wrong contact, poor soldering, etc.

Are the inputs at pins (1) and (2) and the output at pin (9), all on IC2515 (A/D-CON), as specified?

Check IC2515 (A/D-CON) power line pin (6) (5V) and pin (7) (3.3V) and their peripheral circuits.

Are the input at pin (26) of IC2510 (S-DSP) and the outputs at pins (28) and (29) of IC2514 (Codec) as specified?

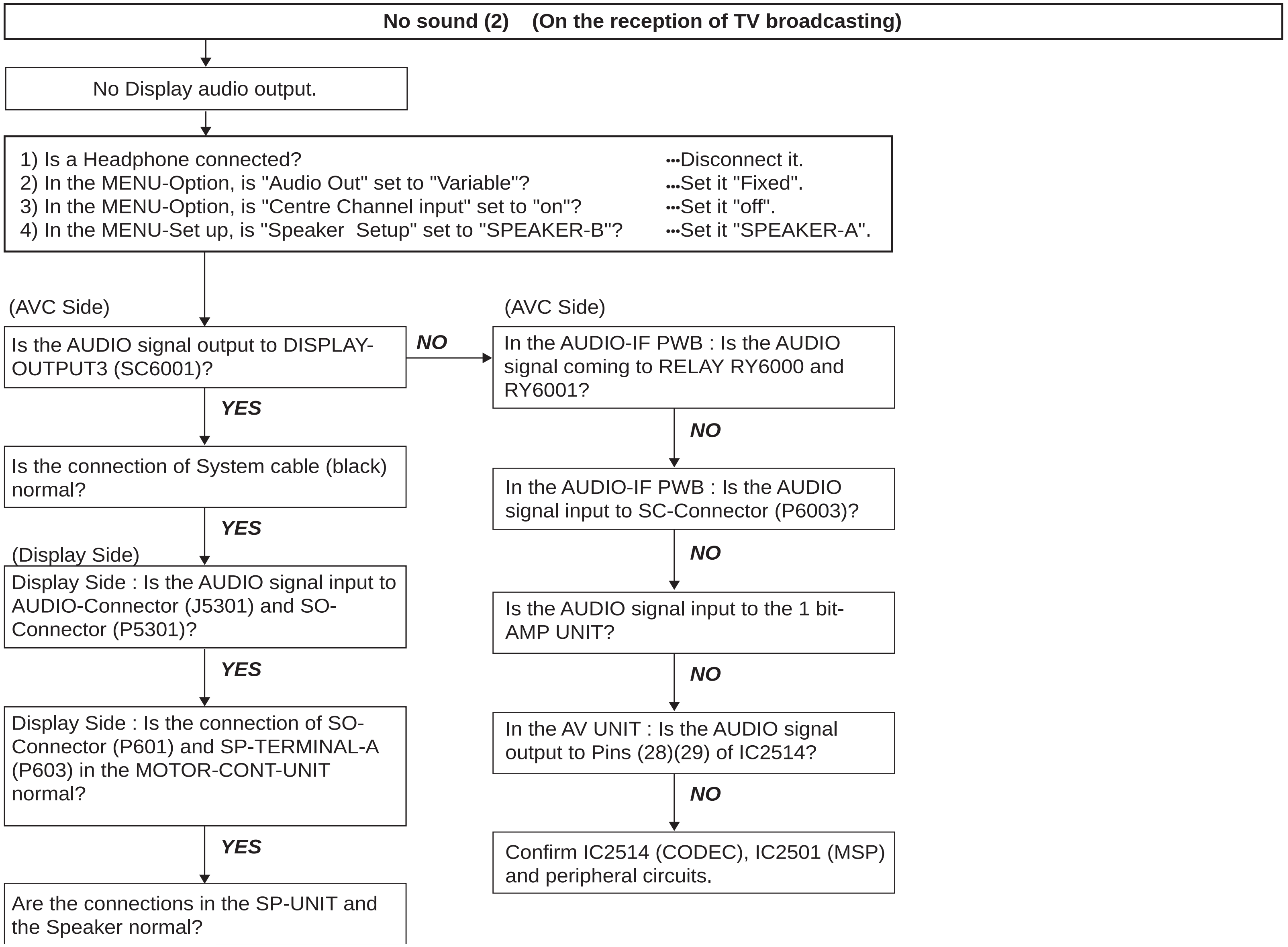
Check IC2510 (S-DSP), IC2514 (Codec), power line and their peripheral circuits.

Is there the audio signal at 1bit AMP, AUDIO IF UNIT circuitry and DISPLAY OUTPUT 3 (SC6001)?

Check the 1bit AMP, AUDIO IF UNIT circuitry, DISPLAY OUTPUT 3 terminal (SC6001) and their peripheral circuits.

Check the system cable and display block.

TROUBLE SHOOTING TABLE (Continued)



No sound (2) (On the reception of TV broadcasting)

No Display audio output.

1) Is a Headphone connected? ···Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Variable"? ···Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "on"? ···Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-B"? ···Set it "SPEAKER-A".

(AVC Side)
Is the AUDIO signal output to DISPLAY-OUTPUT3 (SC6001)?

Is the connection of System cable (black) normal?

(Display Side)
Display Side : Is the AUDIO signal input to AUDIO-Connector (J5301) and SO-Connector (P5301)?

Display Side : Is the connection of SO-Connector (P601) and SP-TERMINAL-A (P603) in the MOTOR-CONT-UNIT normal?

Are the connections in the SP-UNIT and the Speaker normal?

(AVC Side)
In the AUDIO-IF PWB : Is the AUDIO signal coming to RELAY RY6000 and RY6001?

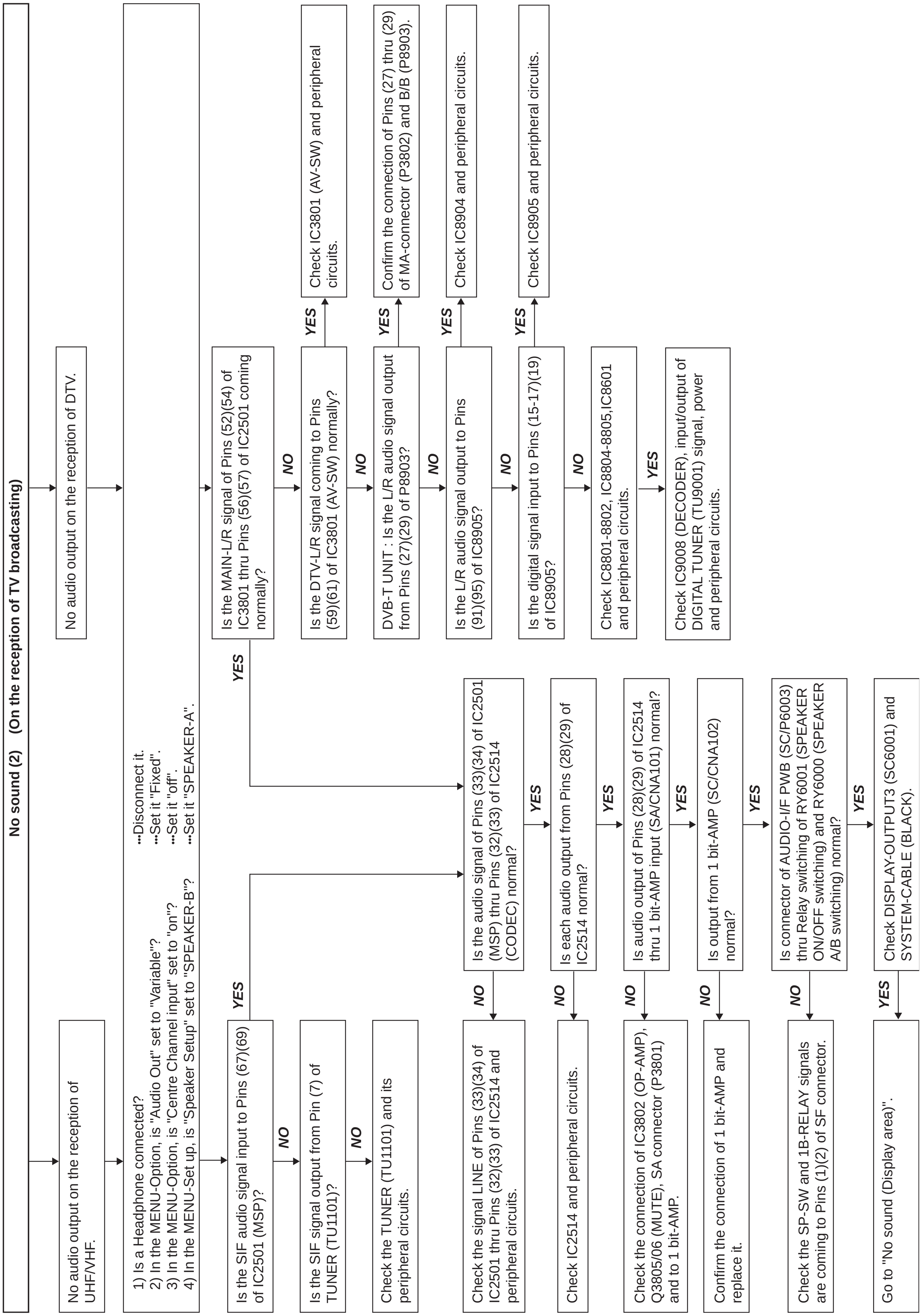
In the AUDIO-IF PWB : Is the AUDIO signal input to SC-Connector (P6003)?

Is the AUDIO signal input to the 1 bit-AMP UNIT?

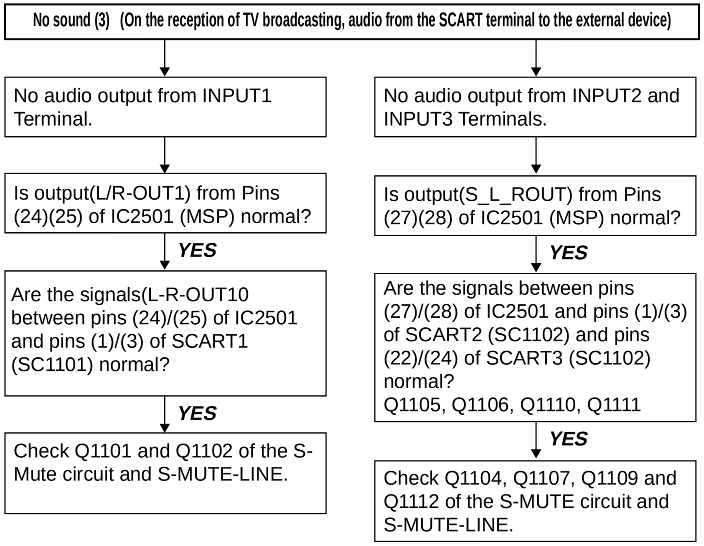
In the AV UNIT : Is the AUDIO signal output to Pins (28)(29) of IC2514?

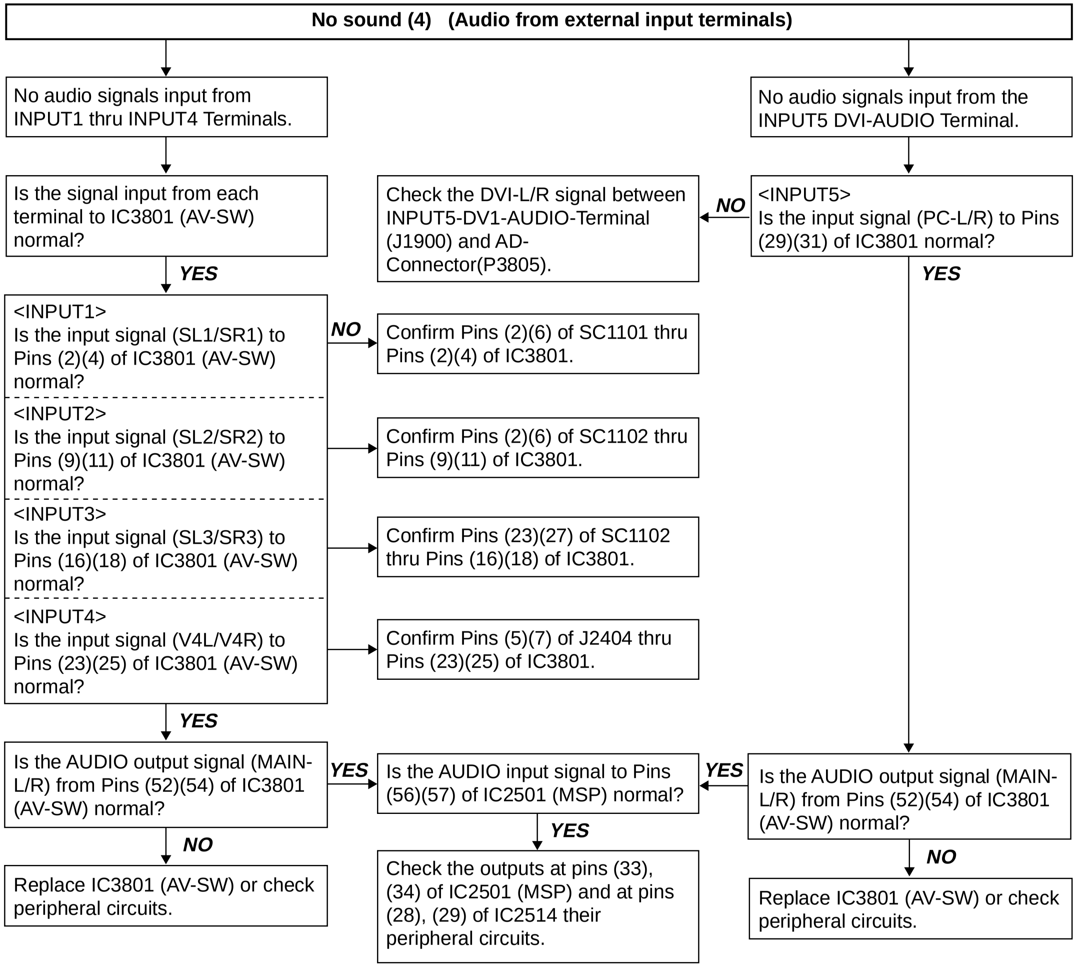
Confirm IC2514 (CODEC), IC2501 (MSP) and peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

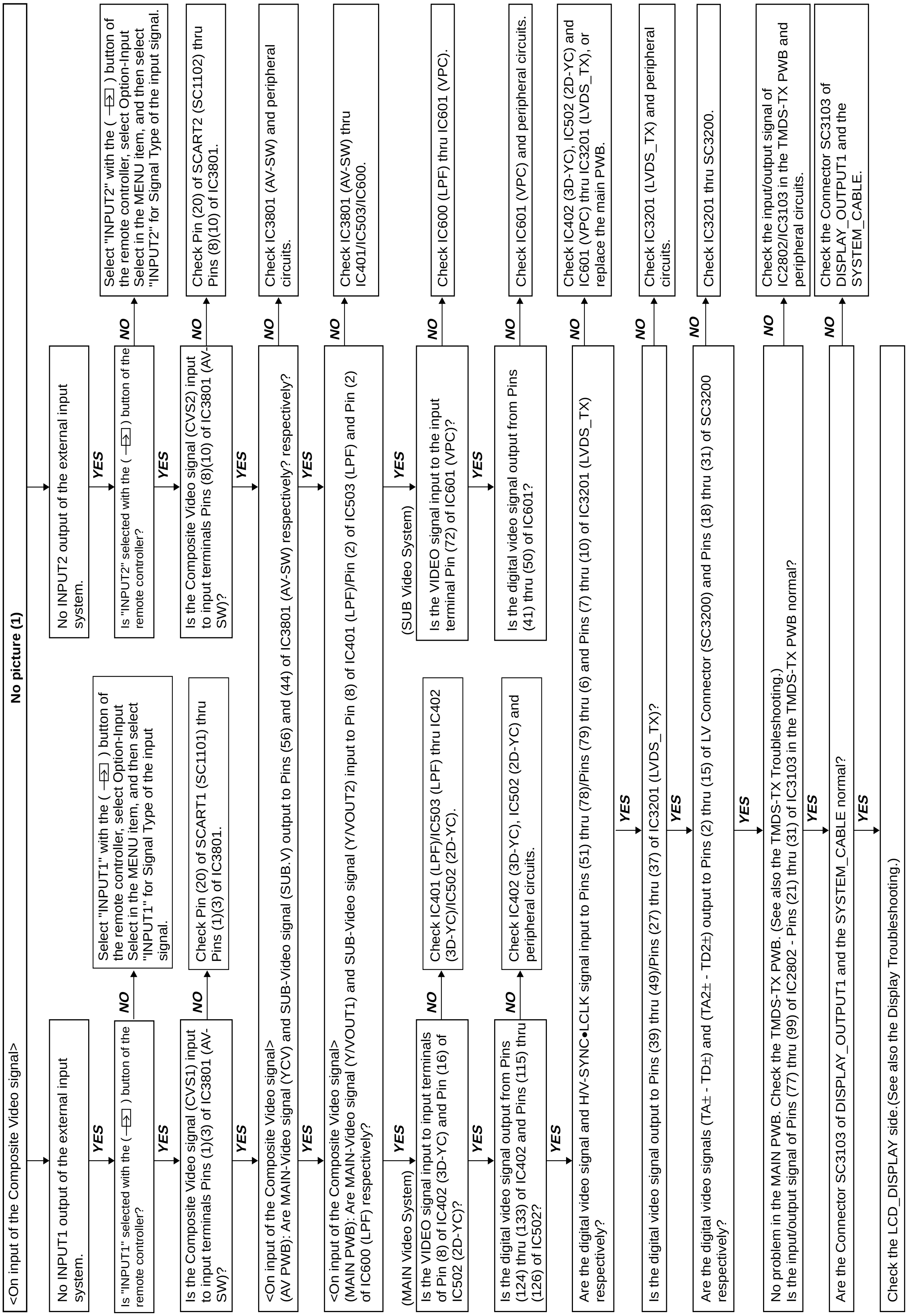

No sound (2) (On the reception of TV broadcasting)
No audio output on the reception of UHF/VHF.
No audio output on the reception of DTV.
1) Is a Headphone connected? ...Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Variable"? ...Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "on"? ...Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-B"? ...Set it "SPEAKER-A".
Is the SIF audio signal input to Pins (67)(69) of IC2501 (MSP)?
YES
NO
Is the SIF signal output from Pin (7) of TUNER (TU1101)?
NO
Check the TUNER (TU1101) and its peripheral circuits.
Is the MAIN-L/R signal of Pins (52)(54) of IC3801 thru Pins (56)(57) of IC2501 coming normally?
YES
NO
Is the DTV-L/R signal coming to Pins (59)(61) of IC3801 (AV-SW) normally?
YES
Check IC3801 (AV-SW) and peripheral circuits.
NO
DVB-T UNIT : Is the L/R audio signal output from Pins (27)(29) of P8903?
YES
Confirm the connection of Pins (27) thru (29) of MA-connector (P3802) and B/B (P8903).
NO
Is the L/R audio signal output to Pins (91)(95) of IC8905?
YES
Check IC8904 and peripheral circuits.
NO
Is the digital signal input to Pins (15-17)(19) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801-8802, IC8804-8805,IC8601 and peripheral circuits.
YES
Check IC9008 (DECODER), input/output of DIGITAL TUNER (TU9001) signal, power and peripheral circuits.
Is the audio signal of Pins (33)(34) of IC2501 (MSP) thru Pins (32)(33) of IC2514 (CODEC) normal?
NO
Check the signal LINE of Pins (33)(34) of IC2501 thru Pins (32)(33) of IC2514 and peripheral circuits.
YES
Is each audio output from Pins (28)(29) of IC2514 normal?
NO
Check IC2514 and peripheral circuits.
YES
Is audio output of Pins (28)(29) of IC2514 thru 1 bit-AMP input (SA/CNA101) normal?
NO
Check the connection of IC3802 (OP-AMP), Q3805/06 (MUTE), SA connector (P3801) and to 1 bit-AMP.
YES
Is output from 1 bit-AMP (SC/CNA102) normal?
NO
Confirm the connection of 1 bit-AMP and replace it.
YES
Is connector of AUDIO-I/F PWB (SC/P6003) thru Relay switching of RY6001 (SPEAKER ON/OFF switching) and RY6000 (SPEAKER A/B switching) normal?
NO
Check the SP-SW and 1B-RELAY signals are coming to Pins (1)(2) of SF connector.
YES
Check DISPLAY-OUTPUT3 (SC6001) and SYSTEM-CABLE (BLACK).
YES
Go to "No sound (Display area)".

TROUBLE SHOOTING TABLE (Continued)

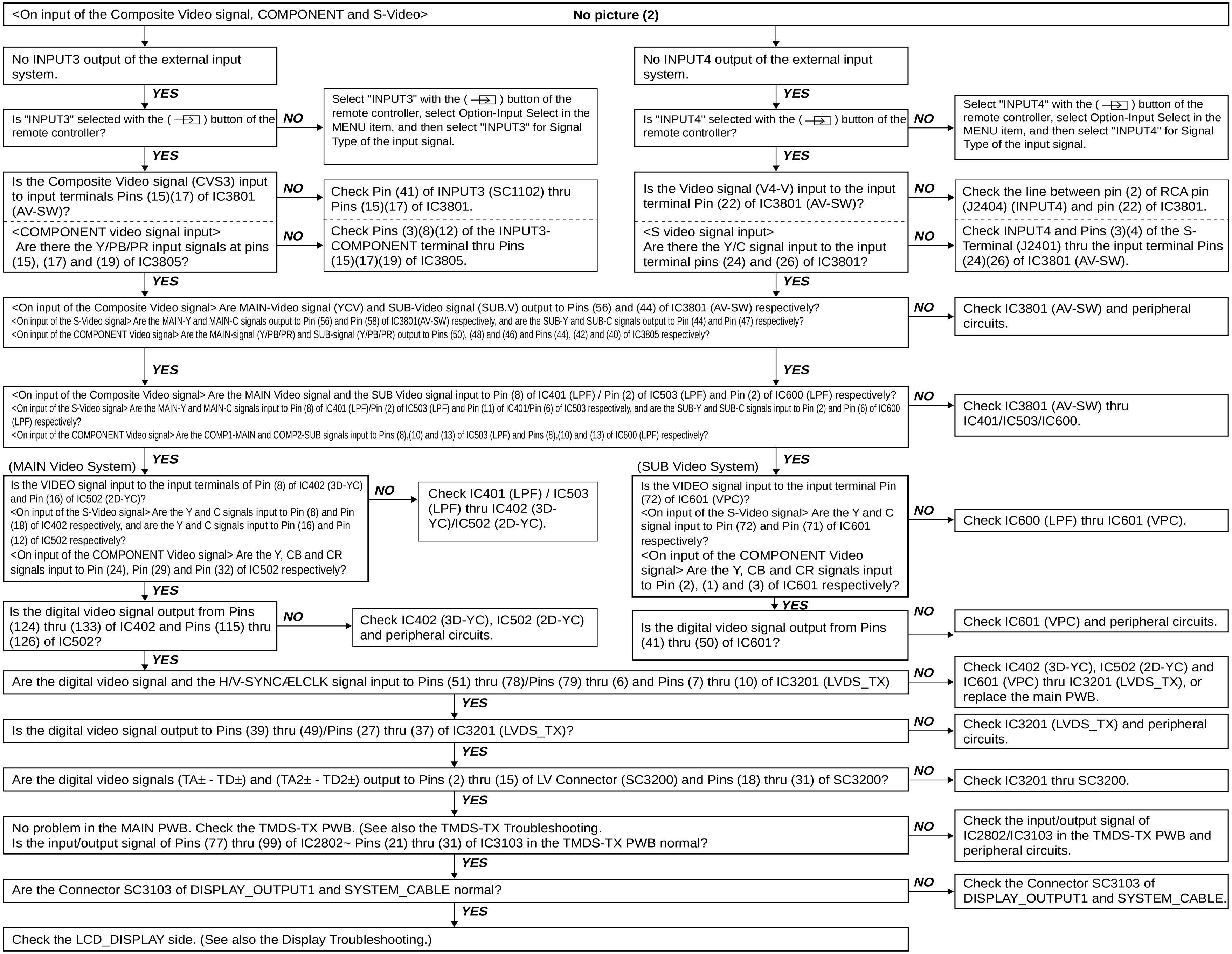

No sound (3) (On the reception of TV broadcasting, audio from the SCART terminal to the external device)
No audio output from INPUT1 Terminal.
Is output(L/R-OUT1) from Pins (24)(25) of IC2501 (MSP) normal?
YES
Are the signals(L-R-OUT10 between pins (24)/(25) of IC2501 and pins (1)/(3) of SCART1 (SC1101) normal?
YES
Check Q1101 and Q1102 of the S-Mute circuit and S-MUTE-LINE.
No audio output from INPUT2 and INPUT3 Terminals.
Is output(S_L_ROUT) from Pins (27)(28) of IC2501 (MSP) normal?
YES
Are the signals between pins (27)/(28) of IC2501 and pins (1)/(3) of SCART2 (SC1102) and pins (22)/(24) of SCART3 (SC1102) normal?
Q1105, Q1106, Q1110, Q1111
YES
Check Q1104, Q1107, Q1109 and Q1112 of the S-MUTE circuit and S-MUTE-LINE.


No sound (4) (Audio from external input terminals)
No audio signals input from INPUT1 thru INPUT4 Terminals.
Is the signal input from each terminal to IC3801 (AV-SW) normal?
YES
<INPUT1>
Is the input signal (SL1/SR1) to Pins (2)(4) of IC3801 (AV-SW) normal?
<INPUT2>
Is the input signal (SL2/SR2) to Pins (9)(11) of IC3801 (AV-SW) normal?
<INPUT3>
Is the input signal (SL3/SR3) to Pins (16)(18) of IC3801 (AV-SW) normal?
<INPUT4>
Is the input signal (V4L/V4R) to Pins (23)(25) of IC3801 (AV-SW) normal?
NO
Confirm Pins (2)(6) of SC1101 thru Pins (2)(4) of IC3801.
Confirm Pins (2)(6) of SC1102 thru Pins (9)(11) of IC3801.
Confirm Pins (23)(27) of SC1102 thru Pins (16)(18) of IC3801.
Confirm Pins (5)(7) of J2404 thru Pins (23)(25) of IC3801.
YES
Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
NO
Replace IC3801 (AV-SW) or check peripheral circuits.
YES
Is the AUDIO input signal to Pins (56)(57) of IC2501 (MSP) normal?
YES
Check the outputs at pins (33), (34) of IC2501 (MSP) and at pins (28), (29) of IC2514 their peripheral circuits.
No audio signals input from the INPUT5 DVI-AUDIO Terminal.
<INPUT5>
Is the input signal (PC-L/R) to Pins (29)(31) of IC3801 normal?
NO
Check the DVI-L/R signal between INPUT5-DV1-AUDIO-Terminal (J1900) and AD-Connector(P3805).
YES
Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
YES
NO
Replace IC3801 (AV-SW) or check peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)


No picture (1)
<On input of the Composite Video signal>
No INPUT1 output of the external input system.
YES
Is "INPUT1" selected with the (⇥) button of the remote controller?
NO
Select "INPUT1" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "INPUT1" for Signal Type of the input signal.
YES
Is the Composite Video signal (CVS1) input to input terminals Pins (1)(3) of IC3801 (AV-SW)?
NO
Check Pin (20) of SCART1 (SC1101) thru Pins (1)(3) of IC3801.
YES
No INPUT2 output of the external input system.
YES
Is "INPUT2" selected with the (⇥) button of the remote controller?
NO
Select "INPUT2" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "INPUT2" for Signal Type of the input signal.
YES
Is the Composite Video signal (CVS2) input to input terminals Pins (8)(10) of IC3801 (AV-SW)?
NO
Check Pin (20) of SCART2 (SC1102) thru Pins (8)(10) of IC3801.
YES
<On input of the Composite Video signal> (AV PWB): Are MAIN-Video signal (YCV) and SUB-Video signal (SUB.V) output to Pins (56) and (44) of IC3801 (AV-SW) respectively? respectively?
NO
Check IC3801 (AV-SW) and peripheral circuits.
YES
<On input of the Composite Video signal> (MAIN PWB): Are MAIN-Video signal (Y/VOUT1) and SUB-Video signal (Y/VOUT2) input to Pin (8) of IC401 (LPF)/Pin (2) of IC503 (LPF) and Pin (2) of IC600 (LPF) respectively?
NO
Check IC3801 (AV-SW) thru IC401/IC503/IC600.
YES
(MAIN Video System)
Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
NO
Check IC401 (LPF)/IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).
YES
Is the digital video signal output from Pins (124) thru (133) of IC402 and Pins (115) thru (126) of IC502?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.
YES
(SUB Video System)
Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
NO
Check IC600 (LPF) thru IC601 (VPC).
YES
Is the digital video signal output from Pins (41) thru (50) of IC601?
NO
Check IC601 (VPC) and peripheral circuits.
YES
Are the digital video signal and H/V-SYNC•LCLK signal input to Pins (51) thru (78)/Pins (79) thru (6) and Pins (7) thru (10) of IC3201 (LVDS_TX) respectively?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and IC601 (VPC) thru IC3201 (LVDS_TX), or replace the main PWB.
YES
Is the digital video signal output to Pins (39) thru (49)/Pins (27) thru (37) of IC3201 (LVDS_TX)?
NO
Check IC3201 (LVDS_TX) and peripheral circuits.
YES
Are the digital video signals (TA± - TD±) and (TA2± - TD2±) output to Pins (2) thru (15) of LV Connector (SC3200) and Pins (18) thru (31) of SC3200 respectively?
NO
Check IC3201 thru SC3200.
YES
No problem in the MAIN PWB. Check the TMDS-TX PWB. (See also the TMDS-TX Troubleshooting.) Is the input/output signal of Pins (77) thru (99) of IC2802 - Pins (21) thru (31) of IC3103 in the TMDS-TX PWB normal?
NO
Check the input/output signal of IC2802/IC3103 in the TMDS-TX PWB and peripheral circuits.
YES
Are the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE normal?
NO
Check the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE.
YES
Check the LCD_DISPLAY side.(See also the Display Troubleshooting.)

TROUBLE SHOOTING TABLE (Continued)



No picture (2)

<On input of the Composite Video signal, COMPONENT and S-Video>

No INPUT3 output of the external input system.

YES

Is "INPUT3" selected with the (⇥) button of the remote controller?

NO → Select "INPUT3" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "INPUT3" for Signal Type of the input signal.

YES

Is the Composite Video signal (CVS3) input to input terminals Pins (15)(17) of IC3801 (AV-SW)?

NO → Check Pin (41) of INPUT3 (SC1102) thru Pins (15)(17) of IC3801.

<COMPONENT video signal input> Are there the Y/PB/PR input signals at pins (15), (17) and (19) of IC3805?

NO → Check Pins (3)(8)(12) of the INPUT3-COMPONENT terminal thru Pins (15)(17)(19) of IC3805.

YES

No INPUT4 output of the external input system.

YES

Is "INPUT4" selected with the (⇥) button of the remote controller?

NO → Select "INPUT4" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "INPUT4" for Signal Type of the input signal.

YES

Is the Video signal (V4-V) input to the input terminal Pin (22) of IC3801 (AV-SW)?

NO → Check the line between pin (2) of RCA pin (J2404) (INPUT4) and pin (22) of IC3801.

<S video signal input> Are there the Y/C signal input to the input terminal pins (24) and (26) of IC3801?

NO → Check INPUT4 and Pins (3)(4) of the S-Terminal (J2401) thru the input terminal Pins (24)(26) of IC3801 (AV-SW).

YES

<On input of the Composite Video signal> Are MAIN-Video signal (YCV) and SUB-Video signal (SUB.V) output to Pins (56) and (44) of IC3801 (AV-SW) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signals output to Pin (56) and Pin (58) of IC3801(AV-SW) respectively, and are the SUB-Y and SUB-C signals output to Pin (44) and Pin (47) respectively?
<On input of the COMPONENT Video signal> Are the MAIN-signal (Y/PB/PR) and SUB-signal (Y/PB/PR) output to Pins (50), (48) and (46) and Pins (44), (42) and (40) of IC3805 respectively?

NO → Check IC3801 (AV-SW) and peripheral circuits.

YES

<On input of the Composite Video signal> Are the MAIN Video signal and the SUB Video signal input to Pin (8) of IC401 (LPF) / Pin (2) of IC503 (LPF) and Pin (2) of IC600 (LPF) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signals input to Pin (8) of IC401 (LPF)/Pin (2) of IC503 (LPF) and Pin (11) of IC401/Pin (6) of IC503 respectively, and are the SUB-Y and SUB-C signals input to Pin (2) and Pin (6) of IC600 (LPF) respectively?
<On input of the COMPONENT Video signal> Are the COMP1-MAIN and COMP2-SUB signals input to Pins (8),(10) and (13) of IC503 (LPF) and Pins (8),(10) and (13) of IC600 (LPF) respectively?

NO → Check IC3801 (AV-SW) thru IC401/IC503/IC600.

YES

(MAIN Video System)

Is the VIDEO signal input to the input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
<On input of the S-Video signal> Are the Y and C signals input to Pin (8) and Pin (18) of IC402 respectively, and are the Y and C signals input to Pin (16) and Pin (12) of IC502 respectively?
<On input of the COMPONENT Video signal> Are the Y, CB and CR signals input to Pin (24), Pin (29) and Pin (32) of IC502 respectively?

NO → Check IC401 (LPF) / IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).

YES

Is the digital video signal output from Pins (124) thru (133) of IC402 and Pins (115) thru (126) of IC502?

NO → Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.

YES

(SUB Video System)

Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
<On input of the S-Video signal> Are the Y and C signal input to Pin (72) and Pin (71) of IC601 respectively?
<On input of the COMPONENT Video signal> Are the Y, CB and CR signals input to Pin (2), (1) and (3) of IC601 respectively?

NO → Check IC600 (LPF) thru IC601 (VPC).

YES

Is the digital video signal output from Pins (41) thru (50) of IC601?

NO → Check IC601 (VPC) and peripheral circuits.

Are the digital video signal and the H/V-SYNCÆLCLK signal input to Pins (51) thru (78)/Pins (79) thru (6) and Pins (7) thru (10) of IC3201 (LVDS_TX)

NO → Check IC402 (3D-YC), IC502 (2D-YC) and IC601 (VPC) thru IC3201 (LVDS_TX), or replace the main PWB.

YES

Is the digital video signal output to Pins (39) thru (49)/Pins (27) thru (37) of IC3201 (LVDS_TX)?

NO → Check IC3201 (LVDS_TX) and peripheral circuits.

YES

Are the digital video signals (TA± - TD±) and (TA2± - TD2±) output to Pins (2) thru (15) of LV Connector (SC3200) and Pins (18) thru (31) of SC3200?

NO → Check IC3201 thru SC3200.

YES

No problem in the MAIN PWB. Check the TMDS-TX PWB. (See also the TMDS-TX Troubleshooting.
Is the input/output signal of Pins (77) thru (99) of IC2802~ Pins (21) thru (31) of IC3103 in the TMDS-TX PWB normal?

NO → Check the input/output signal of IC2802/IC3103 in the TMDS-TX PWB and peripheral circuits.

YES

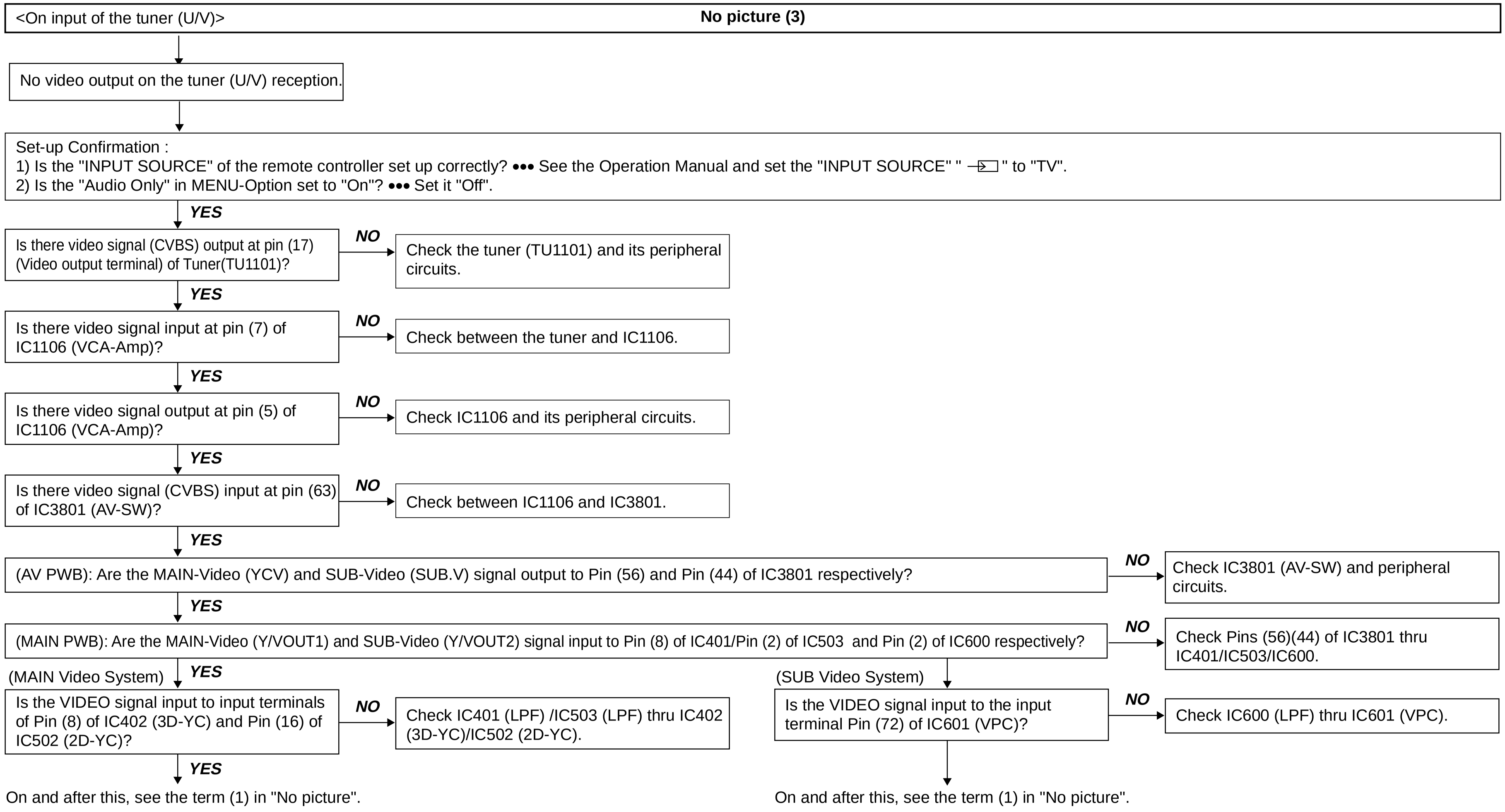
Are the Connector SC3103 of DISPLAY_OUTPUT1 and SYSTEM_CABLE normal?

NO → Check the Connector SC3103 of DISPLAY_OUTPUT1 and SYSTEM_CABLE.

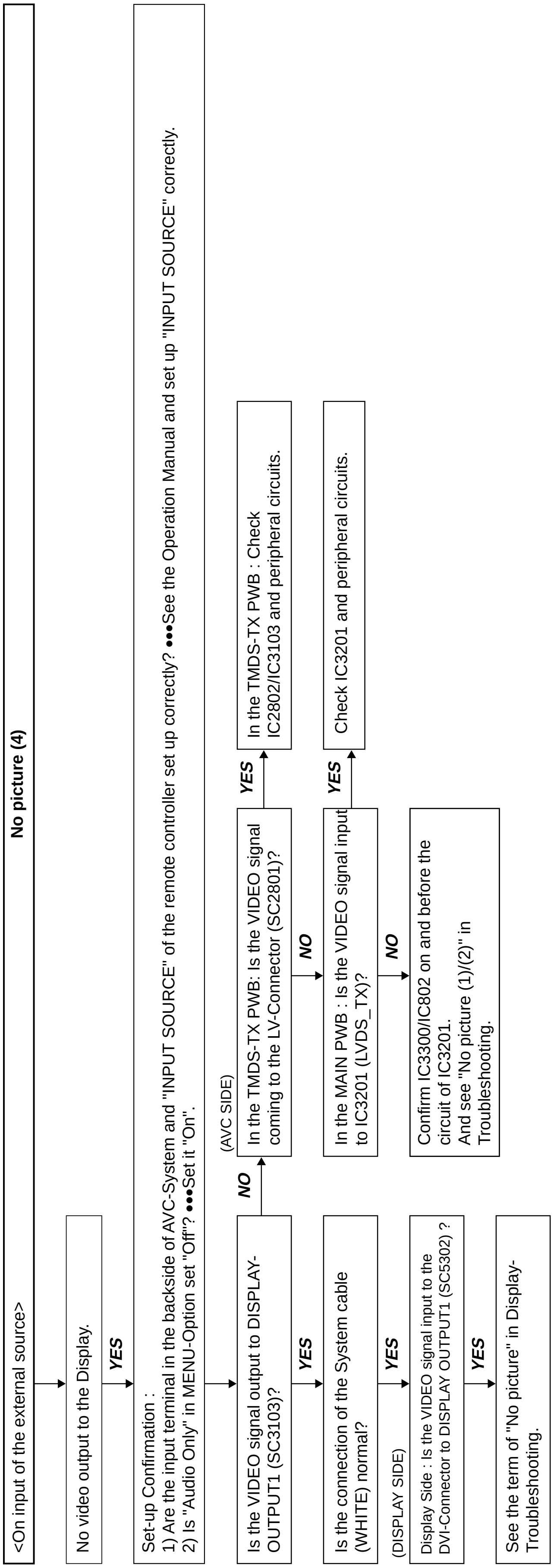
YES

Check the LCD_DISPLAY side. (See also the Display Troubleshooting.)

TROUBLE SHOOTING TABLE (Continued)


<On input of the tuner (U/V)>
No picture (3)
No video output on the tuner (U/V) reception.
Set-up Confirmation :
1) Is the "INPUT SOURCE" of the remote controller set up correctly? ••• See the Operation Manual and set the "INPUT SOURCE" " ⇥ " to "TV".
2) Is the "Audio Only" in MENU-Option set to "On"? ••• Set it "Off".
YES
Is there video signal (CVBS) output at pin (17) (Video output terminal) of Tuner(TU1101)?
NO
Check the tuner (TU1101) and its peripheral circuits.
YES
Is there video signal input at pin (7) of IC1106 (VCA-Amp)?
NO
Check between the tuner and IC1106.
YES
Is there video signal output at pin (5) of IC1106 (VCA-Amp)?
NO
Check IC1106 and its peripheral circuits.
YES
Is there video signal (CVBS) input at pin (63) of IC3801 (AV-SW)?
NO
Check between IC1106 and IC3801.
YES
(AV PWB): Are the MAIN-Video (YCV) and SUB-Video (SUB.V) signal output to Pin (56) and Pin (44) of IC3801 respectively?
NO
Check IC3801 (AV-SW) and peripheral circuits.
YES
(MAIN PWB): Are the MAIN-Video (Y/VOUT1) and SUB-Video (Y/VOUT2) signal input to Pin (8) of IC401/Pin (2) of IC503 and Pin (2) of IC600 respectively?
NO
Check Pins (56)(44) of IC3801 thru IC401/IC503/IC600.
(MAIN Video System)
YES
Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
NO
Check IC401 (LPF) /IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).
YES
On and after this, see the term (1) in "No picture".
(SUB Video System)
Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
NO
Check IC600 (LPF) thru IC601 (VPC).
On and after this, see the term (1) in "No picture".

TROUBLE SHOOTING TABLE (Continued)



No picture (4)

<On input of the external source>

No video output to the Display.

YES

Set-up Confirmation :
1) Are the input terminal in the backside of AVC-System and "INPUT SOURCE" of the remote controller set up correctly? •••See the Operation Manual and set up "INPUT SOURCE" correctly.
2) Is "Audio Only" in MENU-Option set "Off"? •••Set it "On".

Is the VIDEO signal output to DISPLAY-OUTPUT1 (SC3103)?

NO

(AVC SIDE)

In the TMDS-TX PWB: Is the VIDEO signal coming to the LV-Connector (SC2801)?

YES

In the TMDS-TX PWB : Check IC2802/IC3103 and peripheral circuits.

NO

In the MAIN PWB : Is the VIDEO signal input to IC3201 (LVDS_TX)?

YES

Check IC3201 and peripheral circuits.

NO

Confirm IC3300/IC802 on and before the circuit of IC3201.
And see "No picture (1)/(2)" in Troubleshooting.

YES

Is the connection of the System cable (WHITE) normal?

YES

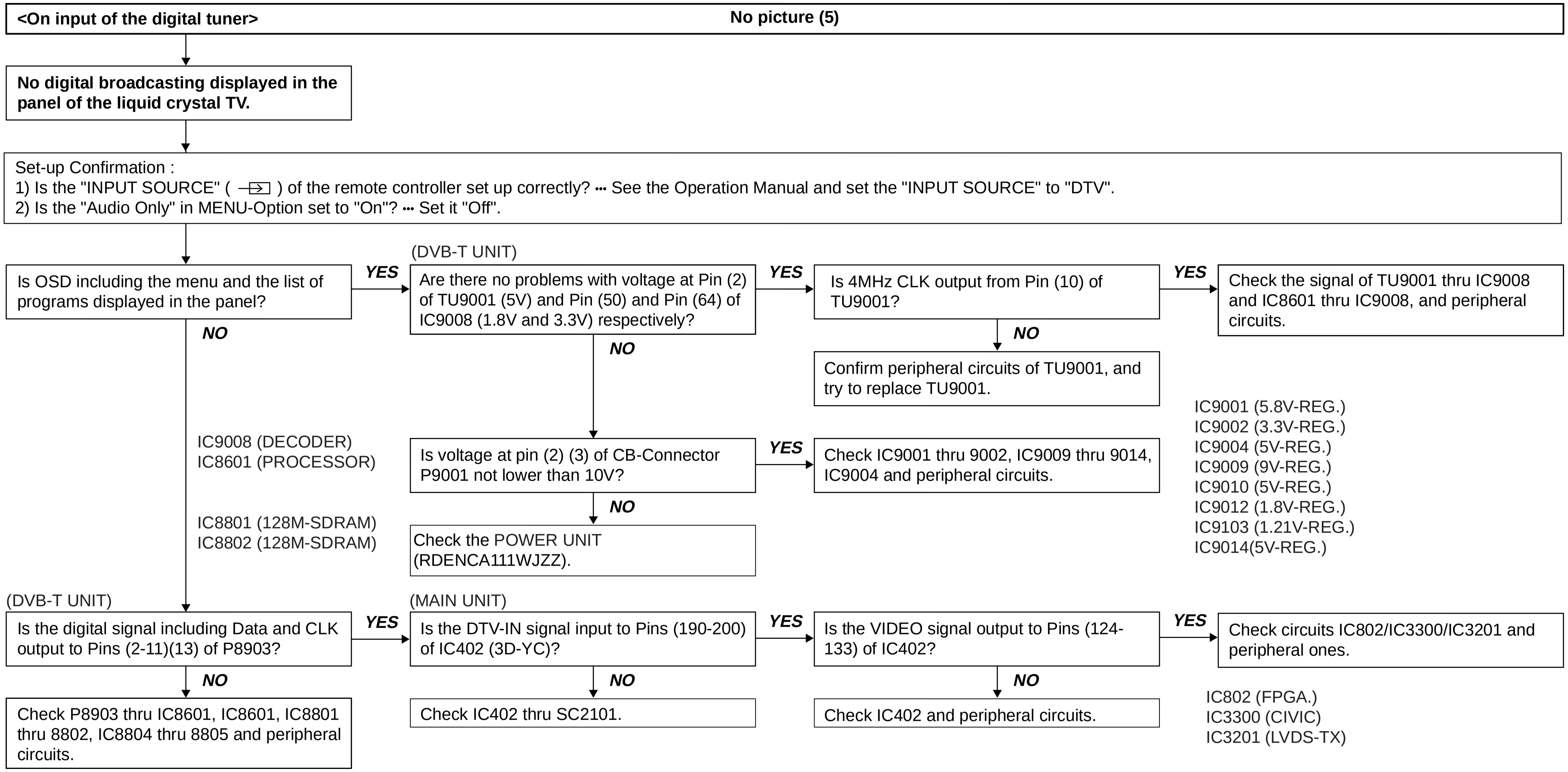
(DISPLAY SIDE)

Display Side : Is the VIDEO signal input to the DVI-Connector to DISPLAY OUTPUT1 (SC5302) ?

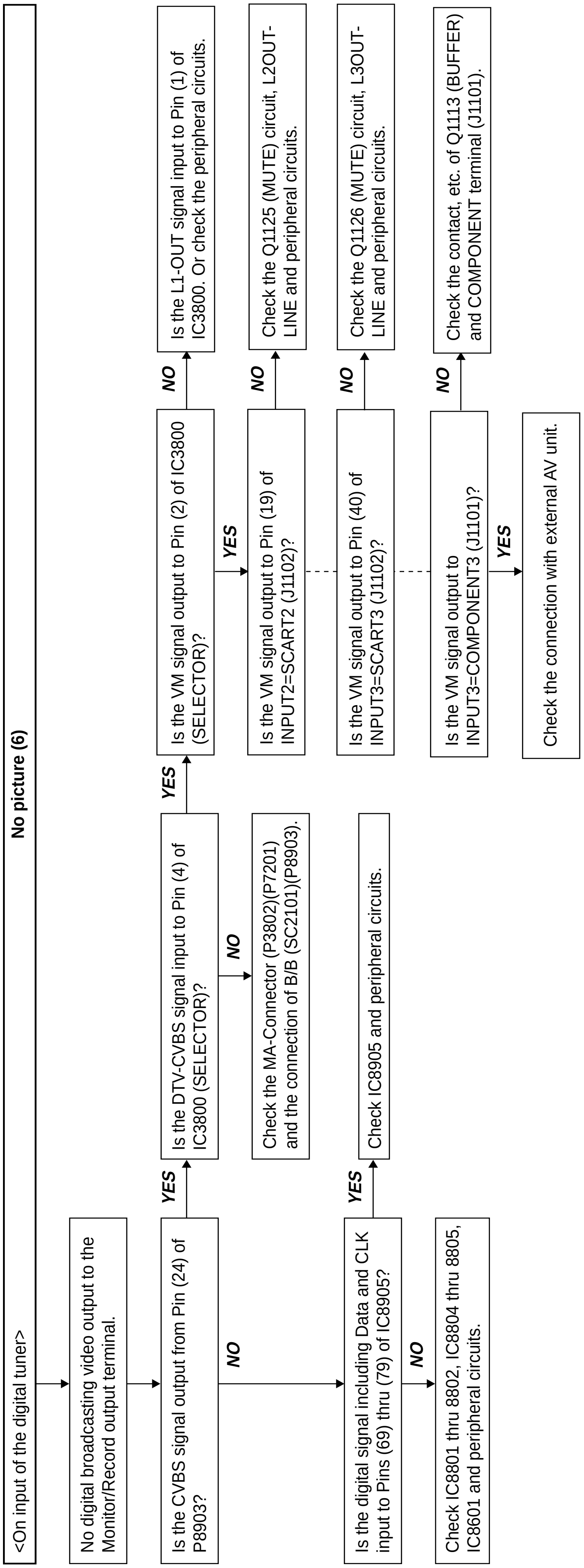
YES

See the term of "No picture" in Display-Troubleshooting.

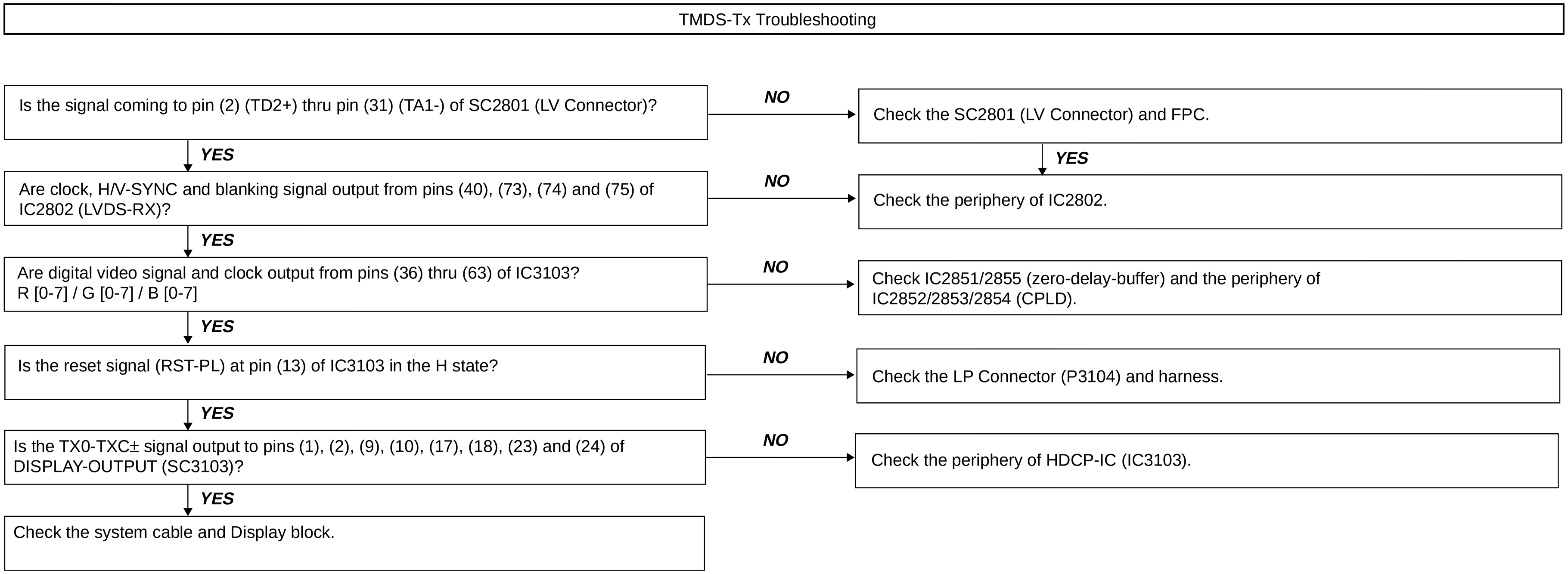
TROUBLE SHOOTING TABLE (Continued)


<On input of the digital tuner>
No picture (5)
No digital broadcasting displayed in the panel of the liquid crystal TV.
Set-up Confirmation :
1) Is the "INPUT SOURCE" (⇥) of the remote controller set up correctly? ••• See the Operation Manual and set the "INPUT SOURCE" to "DTV".
2) Is the "Audio Only" in MENU-Option set to "On"? ••• Set it "Off".
Is OSD including the menu and the list of programs displayed in the panel?
YES
(DVB-T UNIT)
Are there no problems with voltage at Pin (2) of TU9001 (5V) and Pin (50) and Pin (64) of IC9008 (1.8V and 3.3V) respectively?
YES
Is 4MHz CLK output from Pin (10) of TU9001?
YES
Check the signal of TU9001 thru IC9008 and IC8601 thru IC9008, and peripheral circuits.
NO
Confirm peripheral circuits of TU9001, and try to replace TU9001.
NO
Is voltage at pin (2) (3) of CB-Connector P9001 not lower than 10V?
YES
Check IC9001 thru 9002, IC9009 thru 9014, IC9004 and peripheral circuits.
NO
Check the POWER UNIT (RDENCA111WJZZ).
IC9001 (5.8V-REG.)
IC9002 (3.3V-REG.)
IC9004 (5V-REG.)
IC9009 (9V-REG.)
IC9010 (5V-REG.)
IC9012 (1.8V-REG.)
IC9103 (1.21V-REG.)
IC9014(5V-REG.)
NO
IC9008 (DECODER)
IC8601 (PROCESSOR)
IC8801 (128M-SDRAM)
IC8802 (128M-SDRAM)
(DVB-T UNIT)
Is the digital signal including Data and CLK output to Pins (2-11)(13) of P8903?
YES
(MAIN UNIT)
Is the DTV-IN signal input to Pins (190-200) of IC402 (3D-YC)?
YES
Is the VIDEO signal output to Pins (124-133) of IC402?
YES
Check circuits IC802/IC3300/IC3201 and peripheral ones.
NO
Check P8903 thru IC8601, IC8601, IC8801 thru 8802, IC8804 thru 8805 and peripheral circuits.
NO
Check IC402 thru SC2101.
NO
Check IC402 and peripheral circuits.
IC802 (FPGA.)
IC3300 (CIVIC)
IC3201 (LVDS-TX)

TROUBLE SHOOTING TABLE (Continued)


<On input of the digital tuner>
No picture (6)
No digital broadcasting video output to the Monitor/Record output terminal.
Is the CVBS signal output from Pin (24) of P8903?
YES
Is the DTV-CVBS signal input to Pin (4) of IC3800 (SELECTOR)?
YES
Is the VM signal output to Pin (2) of IC3800 (SELECTOR)?
NO
Is the L1-OUT signal input to Pin (1) of IC3800. Or check the peripheral circuits.
YES
Is the VM signal output to Pin (19) of INPUT2=SCART2 (J1102)?
NO
Check the Q1125 (MUTE) circuit, L2OUT-LINE and peripheral circuits.
Is the VM signal output to Pin (40) of INPUT3=SCART3 (J1102)?
NO
Check the Q1126 (MUTE) circuit, L3OUT-LINE and peripheral circuits.
Is the VM signal output to INPUT3=COMPONENT3 (J1101)?
NO
Check the contact, etc. of Q1113 (BUFFER) and COMPONENT terminal (J1101).
YES
Check the connection with external AV unit.
NO
Check the MA-Connector (P3802)(P7201) and the connection of B/B (SC2101)(P8903).
NO
Is the digital signal including Data and CLK input to Pins (69) thru (79) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801 thru 8802, IC8804 thru 8805, IC8601 and peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)



TMDS-Tx Troubleshooting

Is the signal coming to pin (2) (TD2+) thru pin (31) (TA1-) of SC2801 (LV Connector)?

Check the SC2801 (LV Connector) and FPC.

Are clock, H/V-SYNC and blanking signal output from pins (40), (73), (74) and (75) of IC2802 (LVDS-RX)?

Check the periphery of IC2802.

Are digital video signal and clock output from pins (36) thru (63) of IC3103?
R [0-7] / G [0-7] / B [0-7]

Check IC2851/2855 (zero-delay-buffer) and the periphery of IC2852/2853/2854 (CPLD).

Is the reset signal (RST-PL) at pin (13) of IC3103 in the H state?

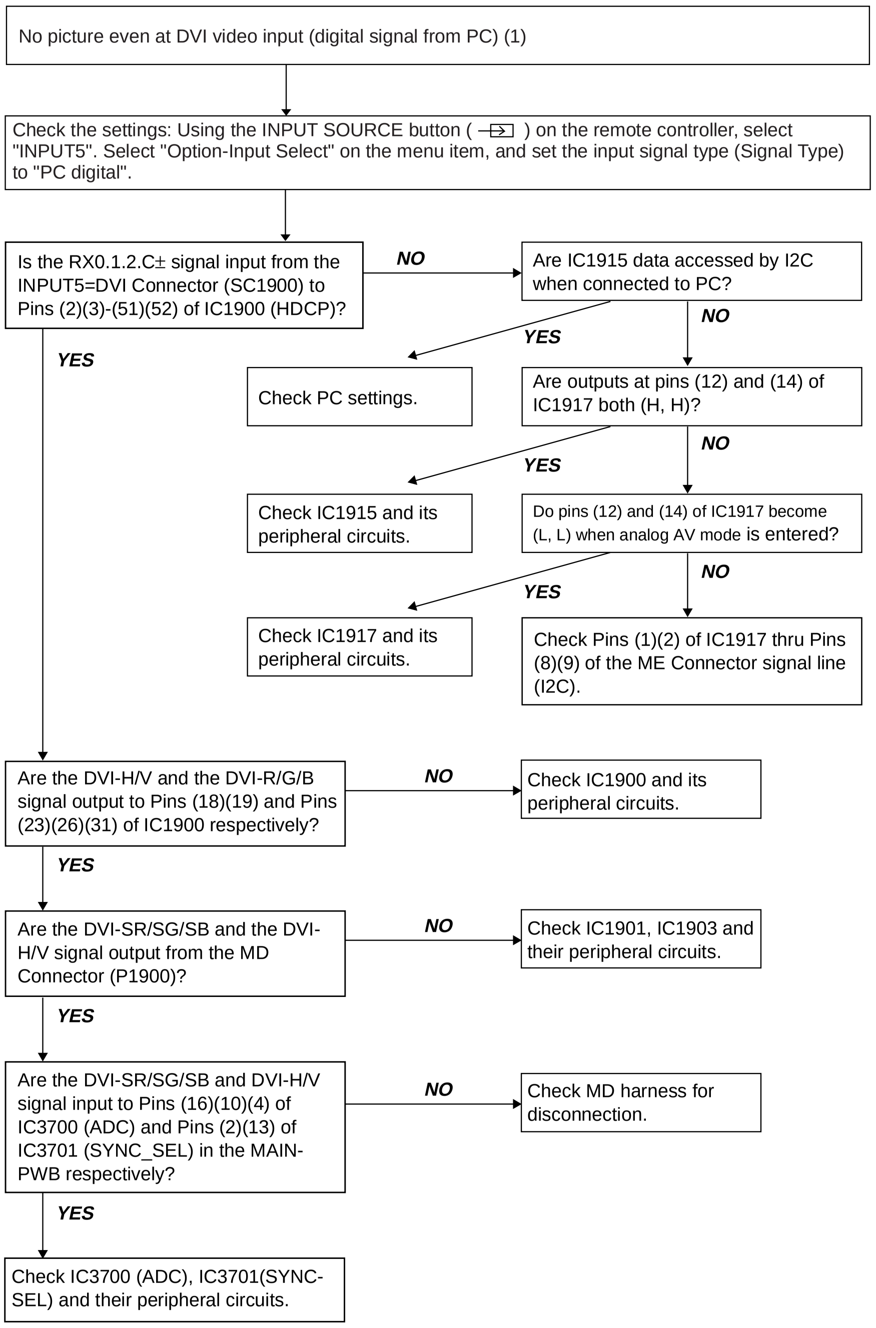
Check the LP Connector (P3104) and harness.

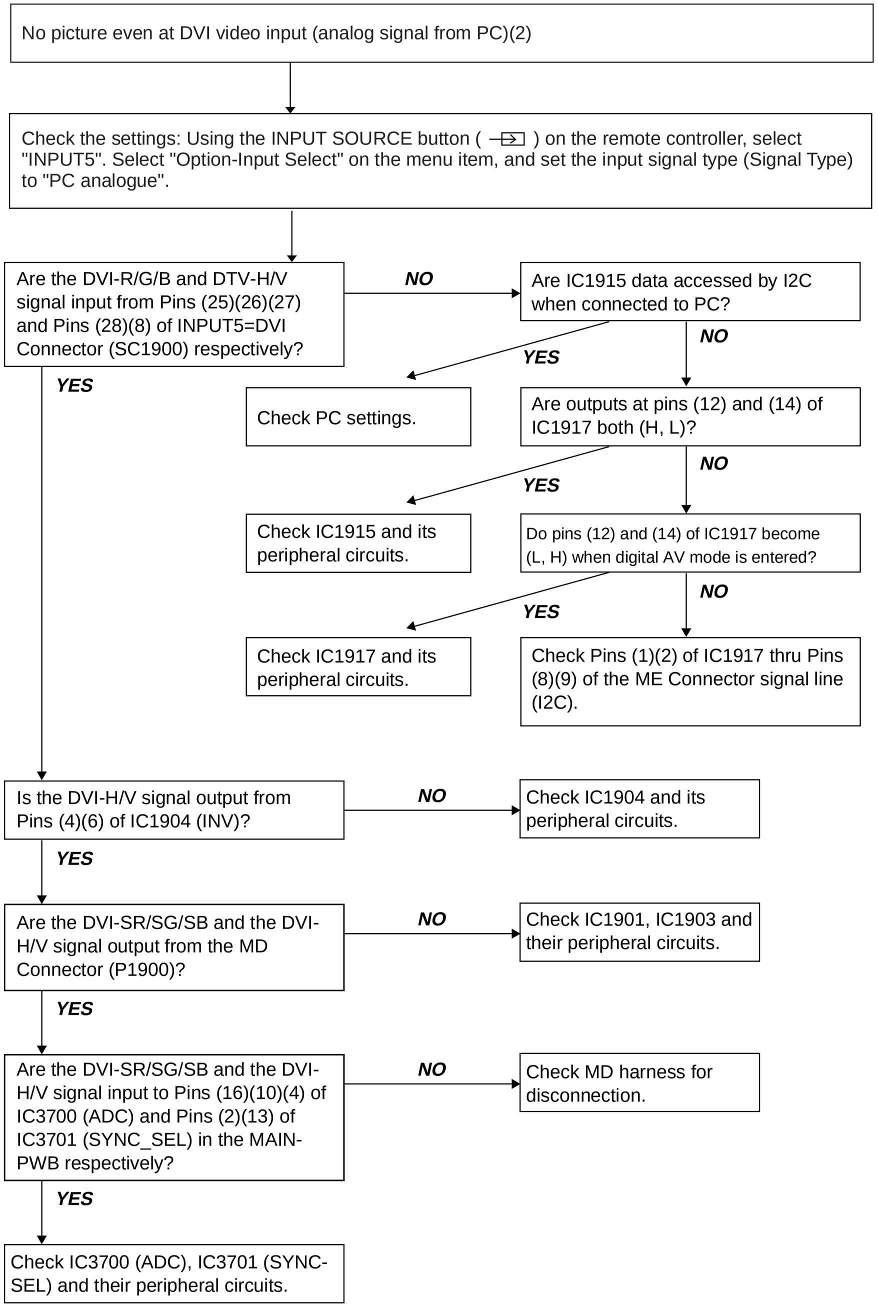
Is the TX0-TXC± signal output to pins (1), (2), (9), (10), (17), (18), (23) and (24) of DISPLAY-OUTPUT (SC3103)?

Check the periphery of HDCP-IC (IC3103).

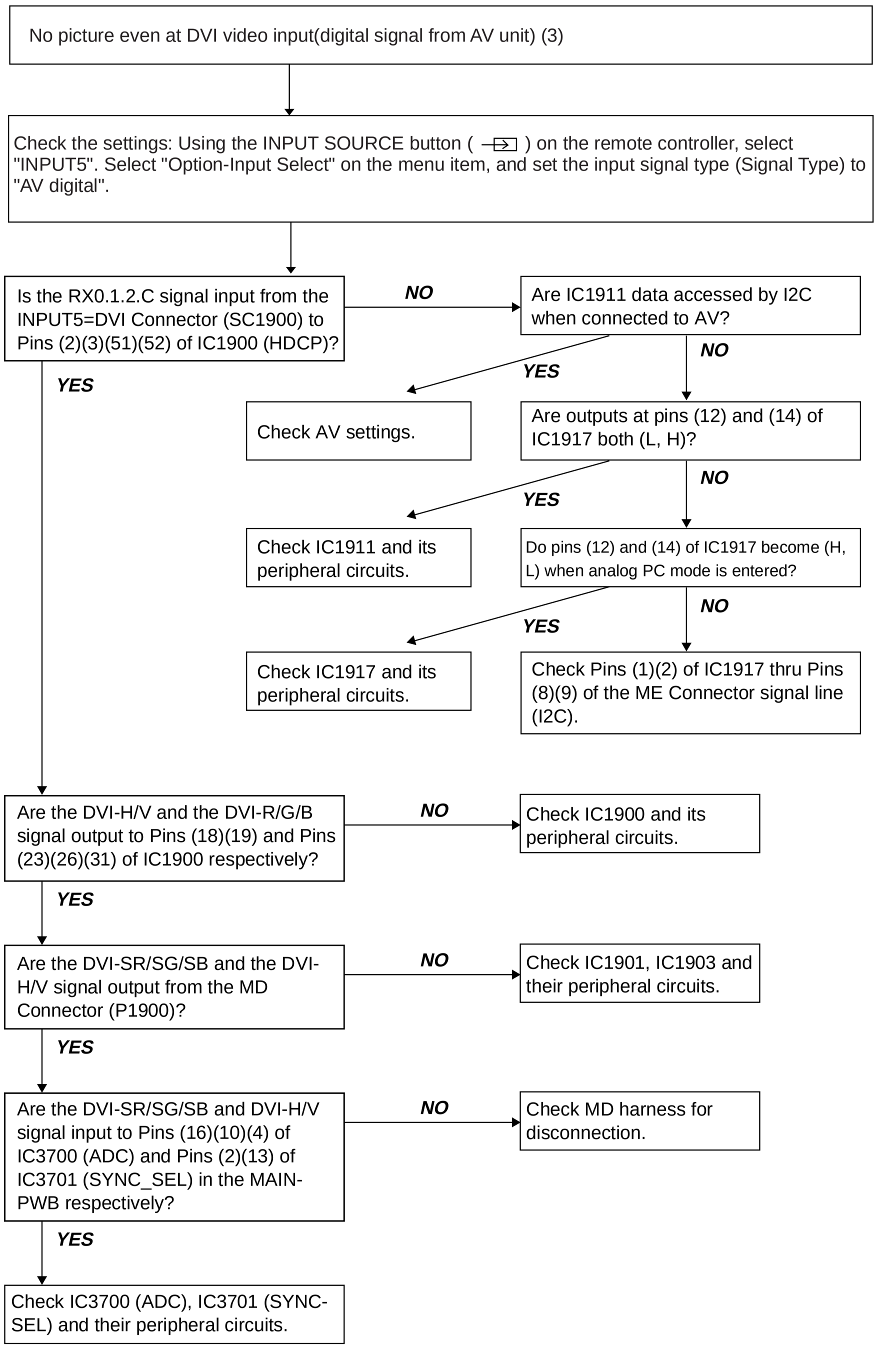
Check the system cable and Display block.

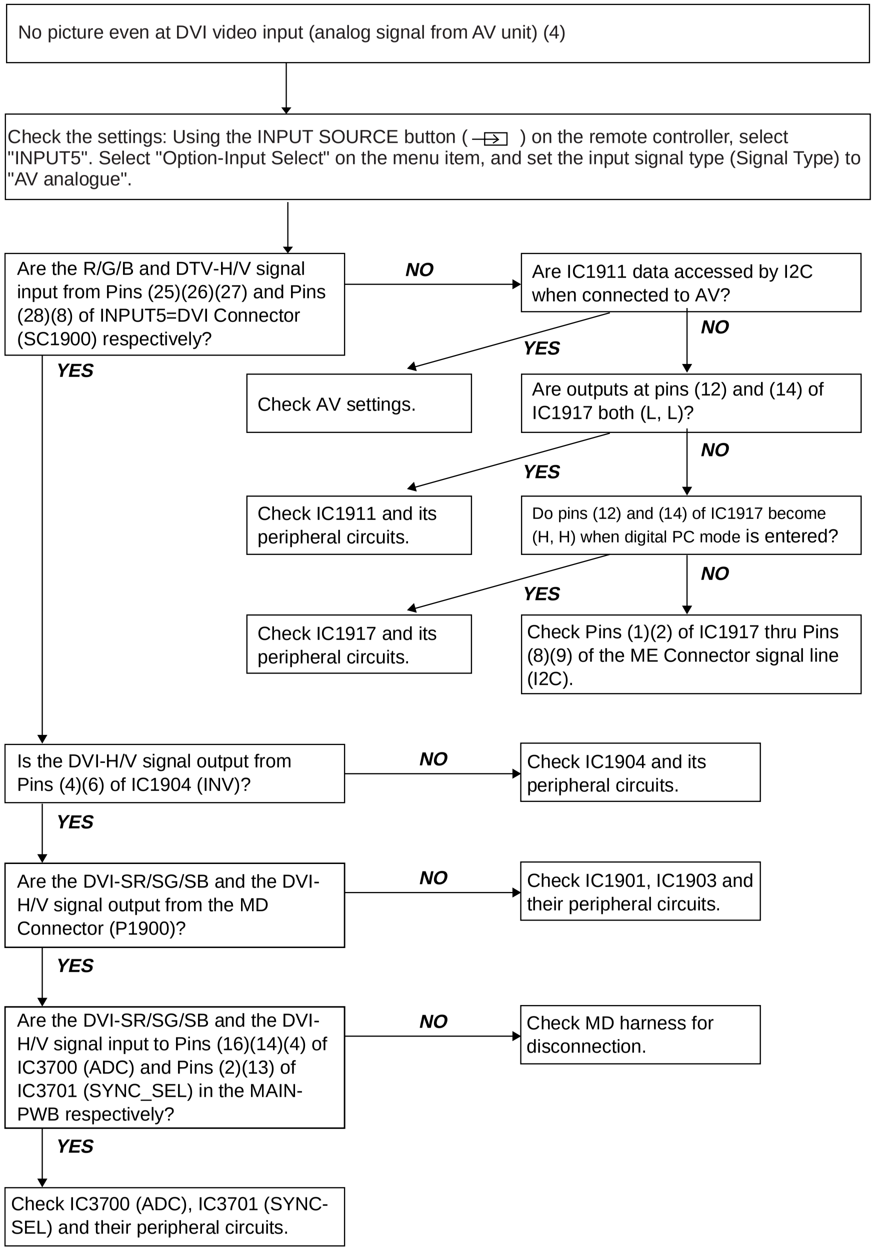
TROUBLE SHOOTING TABLE (Continued)


No picture even at DVI video input (digital signal from PC) (1)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "PC digital".
Is the RX0.1.2.C± signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)-(51)(52) of IC1900 (HDCP)?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, H)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, L) when analog AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?
NO
Check IC1900 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701(SYNC-SEL) and their peripheral circuits.


No picture even at DVI video input (analog signal from PC)(2)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "PC analogue".
Are the DVI-R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, L)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, H) when digital AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?
NO
Check IC1904 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)


No picture even at DVI video input(digital signal from AV unit) (3)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "AV digital".
Is the RX0.1.2.C signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)(51)(52) of IC1900 (HDCP)?
NO
Are IC1911 data accessed by I2C when connected to AV?
NO
YES
Check AV settings.
Are outputs at pins (12) and (14) of IC1917 both (L, H)?
NO
YES
Check IC1911 and its peripheral circuits.
Do pins (12) and (14) of IC1917 become (H, L) when analog PC mode is entered?
NO
YES
Check IC1917 and its peripheral circuits.
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?
NO
Check IC1900 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.


No picture even at DVI video input (analog signal from AV unit) (4)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "AV analogue".
Are the R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?
NO
Are IC1911 data accessed by I2C when connected to AV?
NO
YES
Check AV settings.
Are outputs at pins (12) and (14) of IC1917 both (L, L)?
NO
YES
Check IC1911 and its peripheral circuits.
Do pins (12) and (14) of IC1917 become (H, H) when digital PC mode is entered?
NO
YES
Check IC1917 and its peripheral circuits.
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?
NO
Check IC1904 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (16)(14)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

TROUBLE SHOOTING TABLE (LC-45GD1E)

(Display block)

Replace the AC power cord.

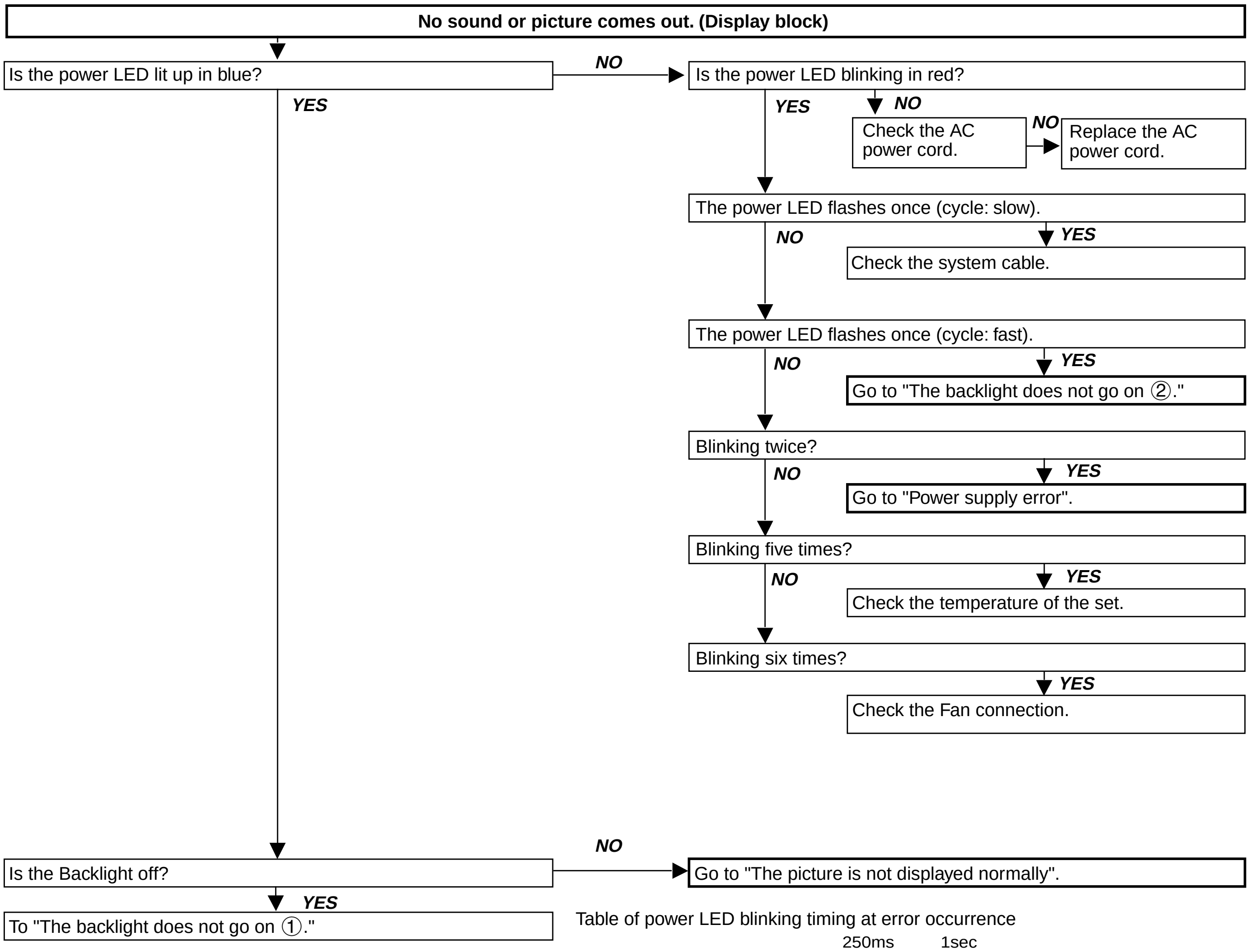
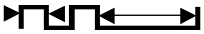
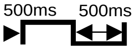
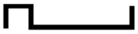
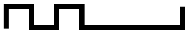
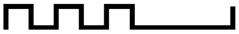
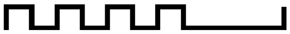
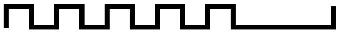
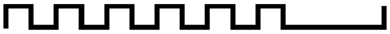
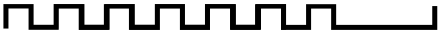
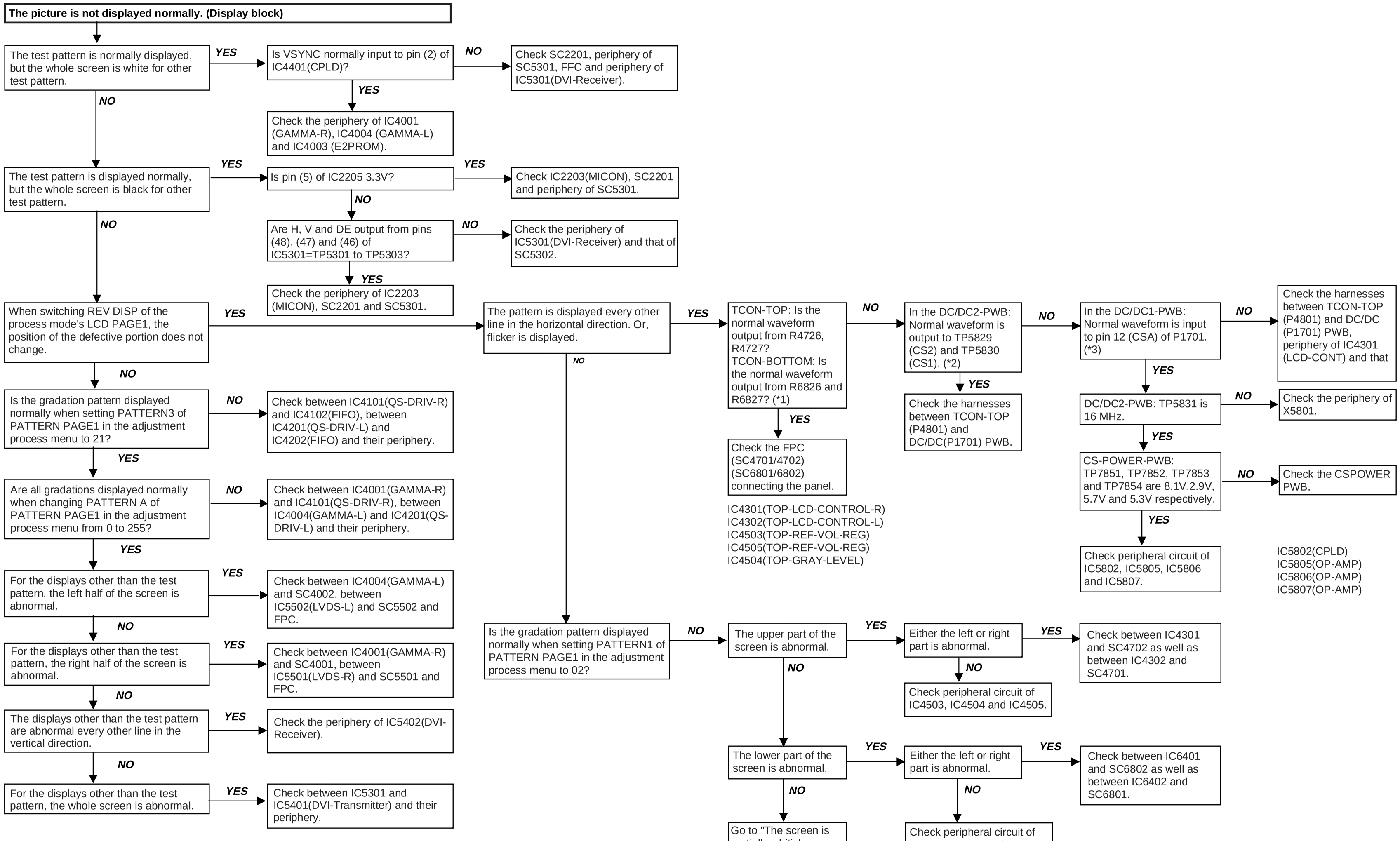

No sound or picture comes out. (Display block)
Is the power LED lit up in blue?
NO
Is the power LED blinking in red?
YES
YES
NO
Check the AC power cord.
NO
Replace the AC power cord.
The power LED flashes once (cycle: slow).
NO
YES
Check the system cable.
The power LED flashes once (cycle: fast).
NO
YES
Go to "The backlight does not go on ②."
Blinking twice?
NO
YES
Go to "Power supply error".
Blinking five times?
NO
YES
Check the temperature of the set.
Blinking six times?
YES
Check the Fan connection.
NO
Is the Backlight off?
Go to "The picture is not displayed normally".
YES
To "The backlight does not go on ①."

Table of power LED blinking timing at error occurrence



Type of error	Power LED operation (1 cycle)
System cable error AVC Power supply error Blinking once: Slow	H: ON L: OFF  500ms 500ms
Lamp error Blinking once: Fast	H: ON L: OFF 
System cable error Panel power supply error Blinking twice	H: ON L: OFF 
AVC temperature error Blinking three times	H: ON L: OFF 
AVC FAN error Blinking four times	H: ON L: OFF 
In-set temperature error Blinking five times	H: ON L: OFF 
Monitor Fan error Blinking six times	H: ON L: OFF 
1-Bit amp. error Blinking seven times	H: ON L: OFF 

TROUBLE SHOOTING TABLE (Continued)



The picture is not displayed normally. (Display block)

The test pattern is normally displayed, but the whole screen is white for other test pattern.
- YES → Is VSYNC normally input to pin (2) of IC4401(CPLD)?
  - NO → Check SC2201, periphery of SC5301, FFC and periphery of IC5301(DVI-Receiver).
  - YES → Check the periphery of IC4001 (GAMMA-R), IC4004 (GAMMA-L) and IC4003 (E2PROM).
- NO ↓

The test pattern is displayed normally, but the whole screen is black for other test pattern.
- YES → Is pin (5) of IC2205 3.3V?
  - YES → Check IC2203(MICON), SC2201 and periphery of SC5301.
  - NO → Are H, V and DE output from pins (48), (47) and (46) of IC5301=TP5301 to TP5303?
    - NO → Check the periphery of IC5301(DVI-Receiver) and that of SC5302.
    - YES → Check the periphery of IC2203 (MICON), SC2201 and SC5301.
- NO ↓

When switching REV DISP of the process mode's LCD PAGE1, the position of the defective portion does not change.
- YES → The pattern is displayed every other line in the horizontal direction. Or, flicker is displayed.
  - YES → TCON-TOP: Is the normal waveform output from R4726, R4727? TCON-BOTTOM: Is the normal waveform output from R6826 and R6827? (*1)
    - YES → Check the FPC (SC4701/4702) (SC6801/6802) connecting the panel.
    - NO → In the DC/DC2-PWB: Normal waveform is output to TP5829 (CS2) and TP5830 (CS1). (*2)
      - YES → Check the harnesses between TCON-TOP (P4801) and DC/DC(P1701) PWB.
      - NO → In the DC/DC1-PWB: Normal waveform is input to pin 12 (CSA) of P1701. (*3)
        - NO → Check the harnesses between TCON-TOP (P4801) and DC/DC (P1701) PWB, periphery of IC4301 (LCD-CONT) and that
        - YES → DC/DC2-PWB: TP5831 is 16 MHz.
          - NO → Check the periphery of X5801.
          - YES → CS-POWER-PWB: TP7851, TP7852, TP7853 and TP7854 are 8.1V,2.9V, 5.7V and 5.3V respectively.
            - NO → Check the CSPOWER PWB.
            - YES → Check peripheral circuit of IC5802, IC5805, IC5806 and IC5807.
  - NO → Is the gradation pattern displayed normally when setting PATTERN1 of PATTERN PAGE1 in the adjustment process menu to 02?
    - NO → The upper part of the screen is abnormal.
      - YES → Either the left or right part is abnormal.
        - YES → Check between IC4301 and SC4702 as well as between IC4302 and SC4701.
        - NO → Check peripheral circuit of IC4503, IC4504 and IC4505.
      - NO → The lower part of the screen is abnormal.
        - YES → Either the left or right part is abnormal.
          - YES → Check between IC6401 and SC6802 as well as between IC6402 and SC6801.
          - NO → Check peripheral circuit of C6601, IC6602 and IC6603.
        - NO → Go to "The screen is partially whitish or dark".
- NO ↓

Is the gradation pattern displayed normally when setting PATTERN3 of PATTERN PAGE1 in the adjustment process menu to 21?
- NO → Check between IC4101(QS-DRIV-R) and IC4102(FIFO), between IC4201(QS-DRIV-L) and IC4202(FIFO) and their periphery.
- YES ↓

Are all gradations displayed normally when changing PATTERN A of PATTERN PAGE1 in the adjustment process menu from 0 to 255?
- NO → Check between IC4001(GAMMA-R) and IC4101(QS-DRIV-R), between IC4004(GAMMA-L) and IC4201(QS-DRIV-L) and their periphery.
- YES ↓

For the displays other than the test pattern, the left half of the screen is abnormal.
- YES → Check between IC4004(GAMMA-L) and SC4002, between IC5502(LVDS-L) and SC5502 and FPC.
- NO ↓

For the displays other than the test pattern, the right half of the screen is abnormal.
- YES → Check between IC4001(GAMMA-R) and SC4001, between IC5501(LVDS-R) and SC5501 and FPC.
- NO ↓

The displays other than the test pattern are abnormal every other line in the vertical direction.
- YES → Check the periphery of IC5402(DVI-Receiver).
- NO ↓

For the displays other than the test pattern, the whole screen is abnormal.
- YES → Check between IC5301 and IC5401(DVI-Transmitter) and their periphery.

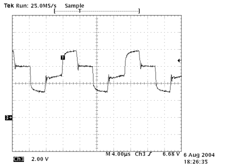
IC4301(TOP-LCD-CONTROL-R)
IC4302(TOP-LCD-CONTROL-L)
IC4503(TOP-REF-VOL-REG)
IC4505(TOP-REF-VOL-REG)
IC4504(TOP-GRAY-LEVEL)

IC5802(CPLD)
IC5805(OP-AMP)
IC5806(OP-AMP)
IC5807(OP-AMP)

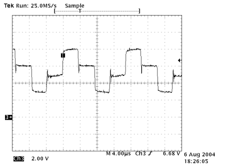
IC6401(BOTTOM-LCD-CONTROL-R)
IC6402(BOTTOM-LCD-CONTROL-L)
IC6601(BOTTOM-REF-VOL-REG)
IC6602(BOTTOM-GRAY-LEVEL)
IC6603(BOTTOM-REF-VOL-REG)

IC5301(DVI-Receiver)
IC5401(DVI-Transmitter)
IC5402(DVI-Receiver)
IC5501(LVDS-Tranceiver-R)
IC5502(LVDS-Tranceiver-L)

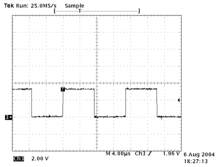
IC4001(GAMMA-R)
IC4004(GAMMA-L)
IC4101(QS-DRIVER-R)
IC4102(FIFO)
IC4201(QS-DRIVER-L)
IC4202(FIFO)



(*1) 2V/div
4.0µ/div

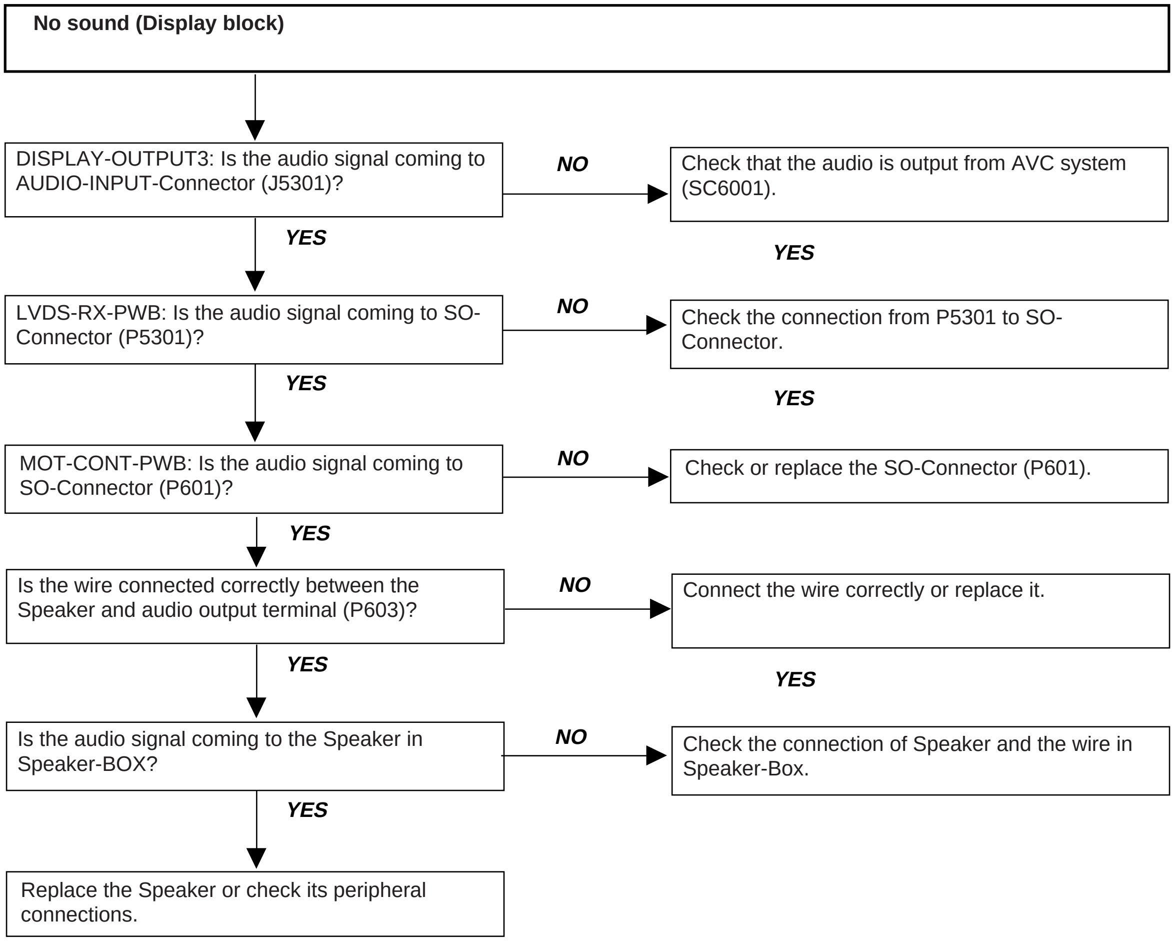


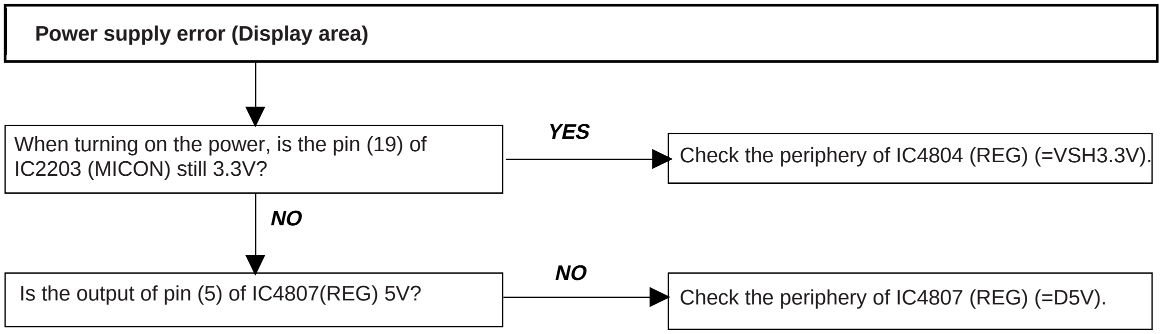
(*2) 2V/div
4.0µ/div



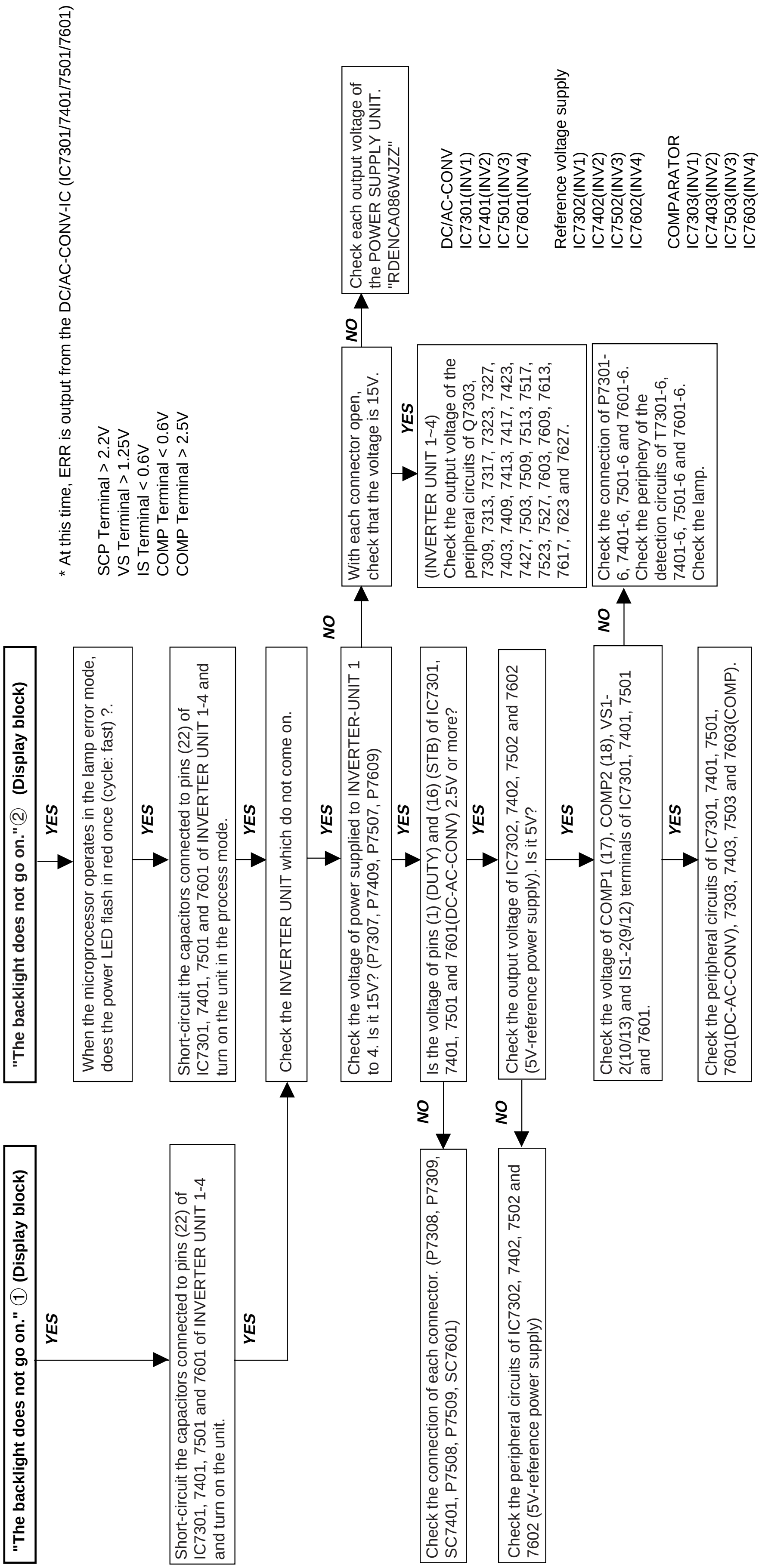
(*3) 2V/div
4.0µ/div

TROUBLE SHOOTING TABLE (Continued)


No sound (Display block)
DISPLAY-OUTPUT3: Is the audio signal coming to AUDIO-INPUT-Connector (J5301)?
NO
Check that the audio is output from AVC system (SC6001).
YES
YES
LVDS-RX-PWB: Is the audio signal coming to SO-Connector (P5301)?
NO
Check the connection from P5301 to SO-Connector.
YES
YES
MOT-CONT-PWB: Is the audio signal coming to SO-Connector (P601)?
NO
Check or replace the SO-Connector (P601).
YES
Is the wire connected correctly between the Speaker and audio output terminal (P603)?
NO
Connect the wire correctly or replace it.
YES
YES
Is the audio signal coming to the Speaker in Speaker-BOX?
NO
Check the connection of Speaker and the wire in Speaker-Box.
YES
Replace the Speaker or check its peripheral connections.


Power supply error (Display area)
When turning on the power, is the pin (19) of IC2203 (MICON) still 3.3V?
YES
Check the periphery of IC4804 (REG) (=VSH3.3V).
NO
Is the output of pin (5) of IC4807(REG) 5V?
NO
Check the periphery of IC4807 (REG) (=D5V).

TROUBLE SHOOTING TABLE (Continued)



"The backlight does not go on." ① (Display block)

YES → Short-circuit the capacitors connected to pins (22) of IC7301, 7401, 7501 and 7601 of INVERTER UNIT 1-4 and turn on the unit.

YES → Check the INVERTER UNIT which do not come on.

"The backlight does not go on."② (Display block)

YES → When the microprocessor operates in the lamp error mode, does the power LED flash in red once (cycle: fast) ?.

YES → Short-circuit the capacitors connected to pins (22) of IC7301, 7401, 7501 and 7601 of INVERTER UNIT 1-4 and turn on the unit in the process mode.

YES → Check the INVERTER UNIT which do not come on.

YES → Check the voltage of power supplied to INVERTER-UNIT 1 to 4. Is it 15V? (P7307, P7409, P7507, P7609)

NO → With each connector open, check that the voltage is 15V.

NO → Check each output voltage of the POWER SUPPLY UNIT. "RDENCA086WJZZ"

YES → (INVERTER UNIT 1~4) Check the output voltage of the peripheral circuits of Q7303, 7309, 7313, 7317, 7323, 7327, 7403, 7409, 7413, 7417, 7423, 7427, 7503, 7509, 7513, 7517, 7523, 7527, 7603, 7609, 7613, 7617, 7623 and 7627.

YES → Is the voltage of pins (1) (DUTY) and (16) (STB) of IC7301, 7401, 7501 and 7601(DC-AC-CONV) 2.5V or more?

NO → Check the connection of each connector. (P7308, P7309, SC7401, P7508, P7509, SC7601)

YES → Check the output voltage of IC7302, 7402, 7502 and 7602 (5V-reference power supply). Is it 5V?

NO → Check the peripheral circuits of IC7302, 7402, 7502 and 7602 (5V-reference power supply)

YES → Check the voltage of COMP1 (17), COMP2 (18), VS1-2(10/13) and IS1-2(9/12) terminals of IC7301, 7401, 7501 and 7601.

NO → Check the connection of P7301-6, 7401-6, 7501-6 and 7601-6. Check the periphery of the detection circuits of T7301-6, 7401-6, 7501-6 and 7601-6. Check the lamp.

YES → Check the peripheral circuits of IC7301, 7401, 7501, 7601(DC-AC-CONV), 7303, 7403, 7503 and 7603(COMP).

* At this time, ERR is output from the DC/AC-CONV-IC (IC7301/7401/7501/7601)

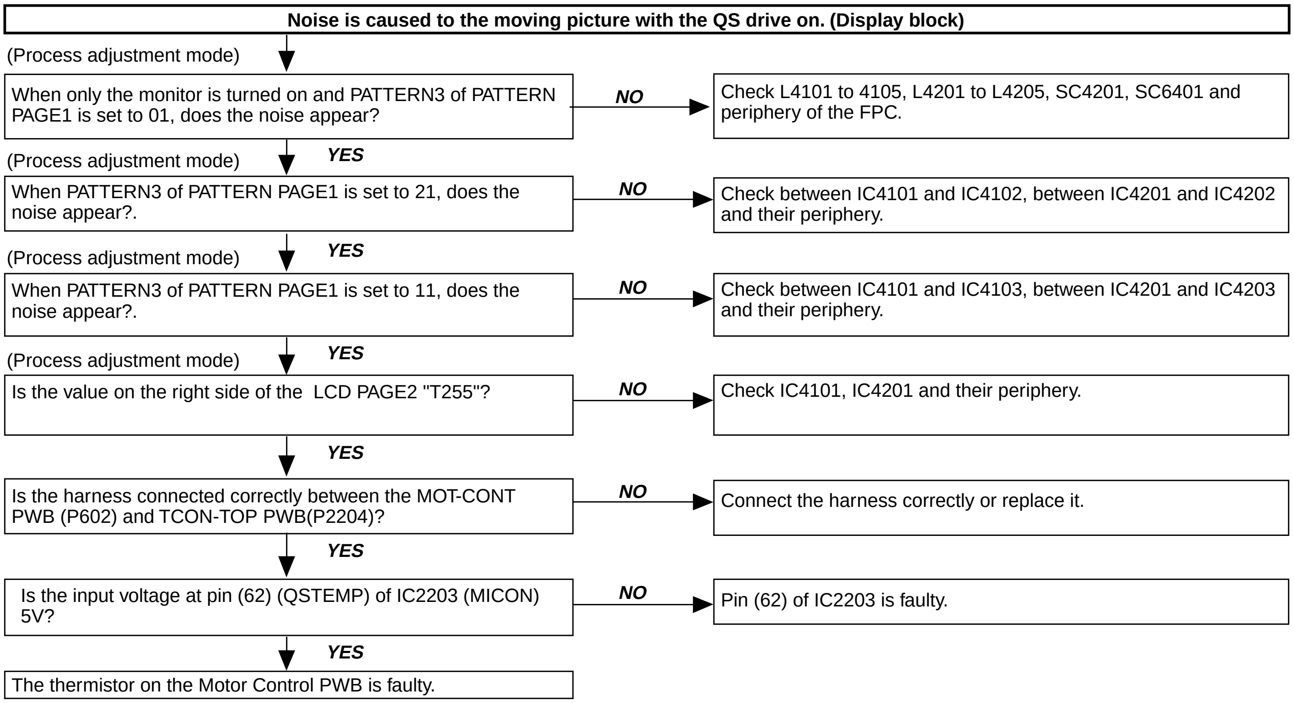
SCP Terminal > 2.2V
VS Terminal > 1.25V
IS Terminal < 0.6V
COMP Terminal < 0.6V
COMP Terminal > 2.5V

DC/AC-CONV
IC7301(INV1)
IC7401(INV2)
IC7501(INV3)
IC7601(INV4)

Reference voltage supply
IC7302(INV1)
IC7402(INV2)
IC7502(INV3)
IC7602(INV4)

COMPARATOR
IC7303(INV1)
IC7403(INV2)
IC7503(INV3)
IC7603(INV4)

TROUBLE SHOOTING TABLE (Continued)



Noise is caused to the moving picture with the QS drive on. (Display block)

(Process adjustment mode)

When only the monitor is turned on and PATTERN3 of PATTERN PAGE1 is set to 01, does the noise appear?

- **NO** → Check L4101 to 4105, L4201 to L4205, SC4201, SC6401 and periphery of the FPC.
- **YES** ↓

(Process adjustment mode)

When PATTERN3 of PATTERN PAGE1 is set to 21, does the noise appear?.

- **NO** → Check between IC4101 and IC4102, between IC4201 and IC4202 and their periphery.
- **YES** ↓

(Process adjustment mode)

When PATTERN3 of PATTERN PAGE1 is set to 11, does the noise appear?.

- **NO** → Check between IC4101 and IC4103, between IC4201 and IC4203 and their periphery.
- **YES** ↓

(Process adjustment mode)

Is the value on the right side of the LCD PAGE2 "T255"?

- **NO** → Check IC4101, IC4201 and their periphery.
- **YES** ↓

Is the harness connected correctly between the MOT-CONT PWB (P602) and TCON-TOP PWB(P2204)?

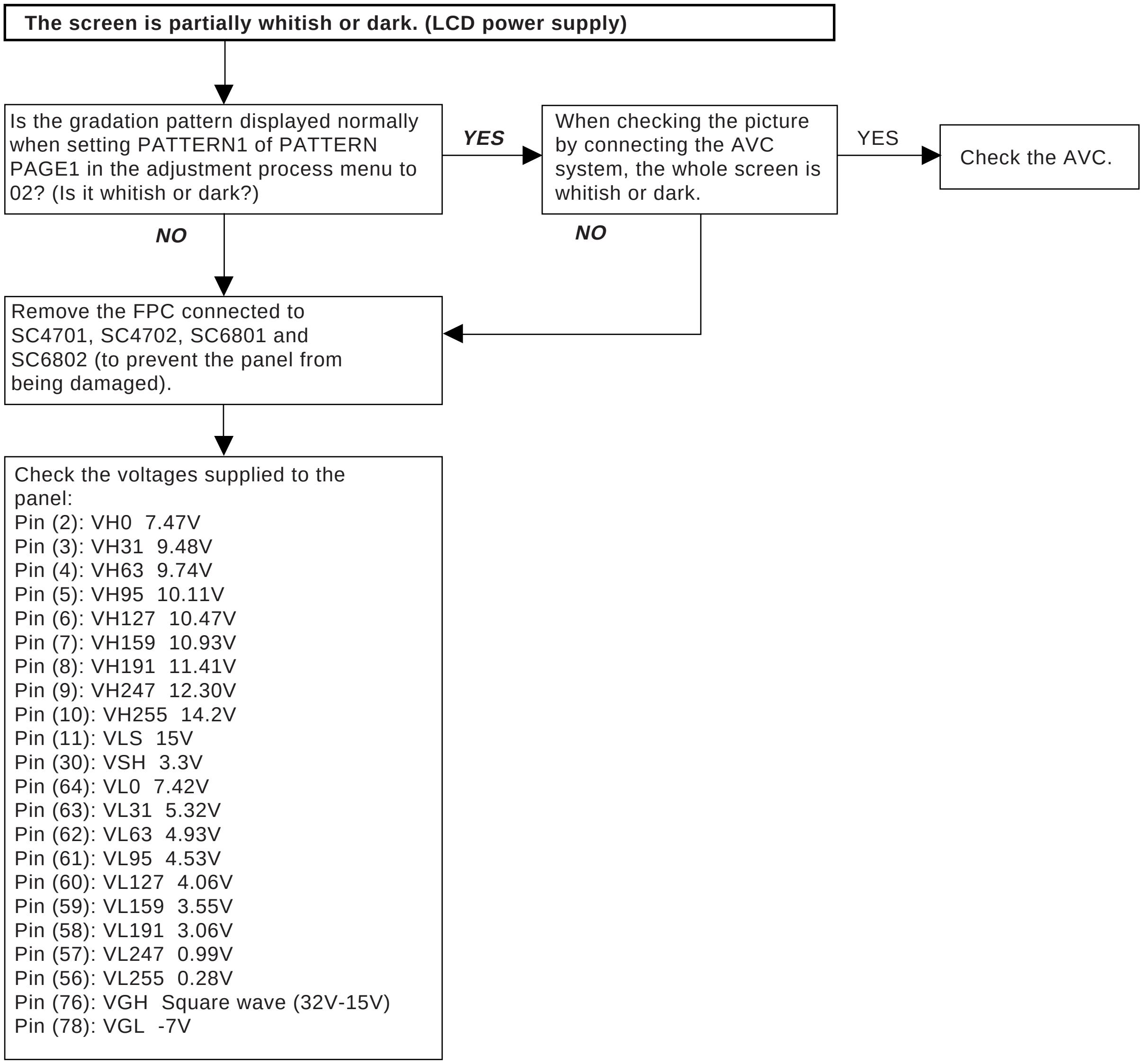
- **NO** → Connect the harness correctly or replace it.
- **YES** ↓

Is the input voltage at pin (62) (QSTEMP) of IC2203 (MICON) 5V?

- **NO** → Pin (62) of IC2203 is faulty.
- **YES** ↓

The thermistor on the Motor Control PWB is faulty.

TROUBLE SHOOTING TABLE (Continued)



The screen is partially whitish or dark. (LCD power supply)

Is the gradation pattern displayed normally when setting PATTERN1 of PATTERN PAGE1 in the adjustment process menu to 02? (Is it whitish or dark?)

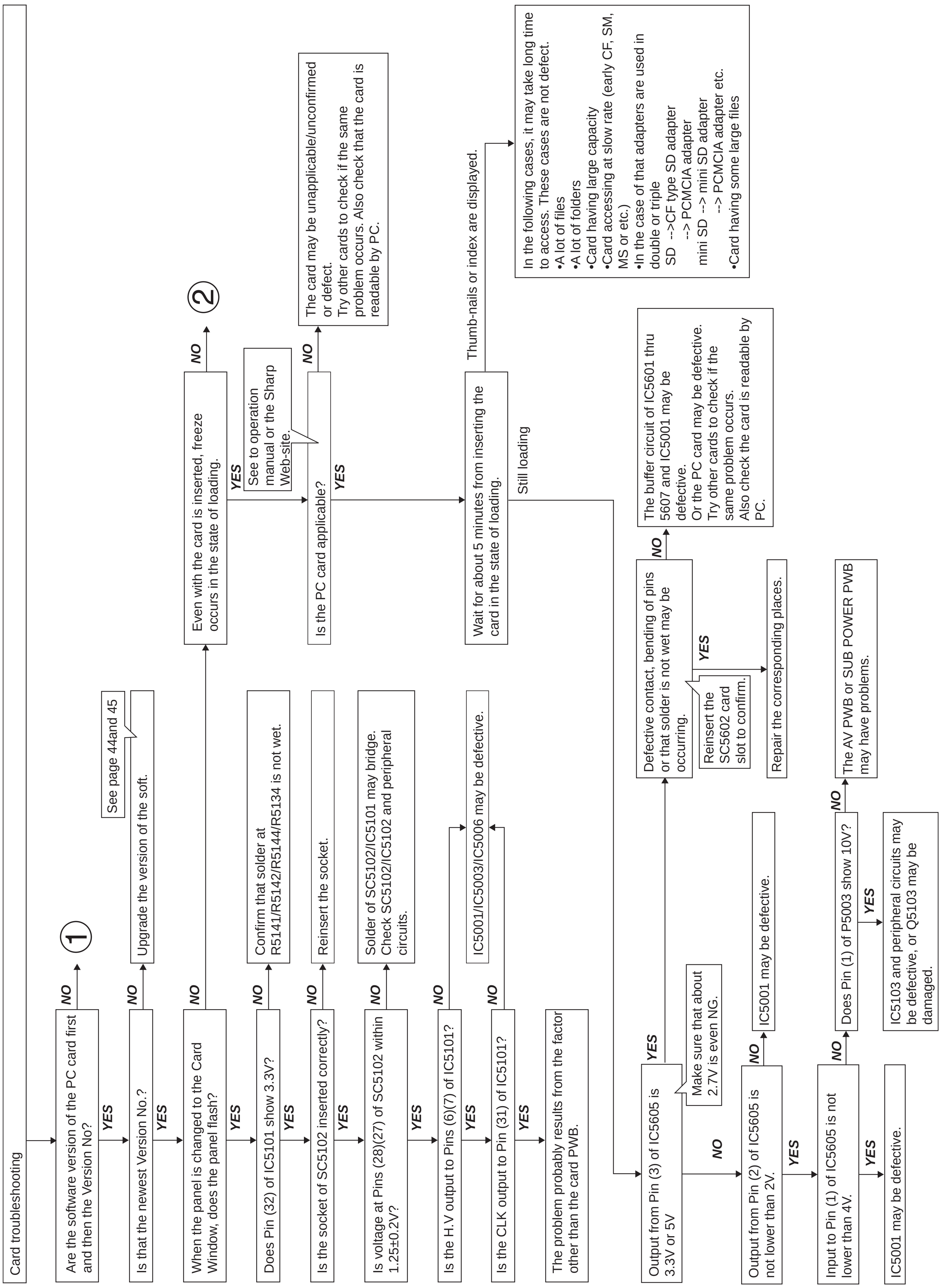
When checking the picture by connecting the AVC system, the whole screen is whitish or dark.

Check the AVC.

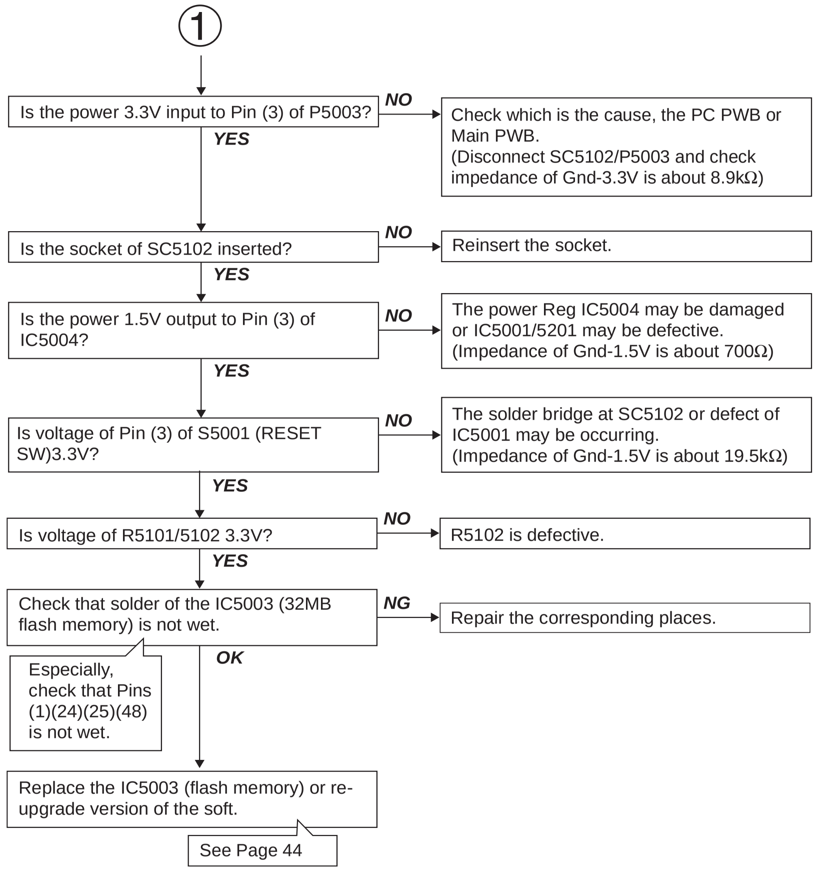
Remove the FPC connected to SC4701, SC4702, SC6801 and SC6802 (to prevent the panel from being damaged).

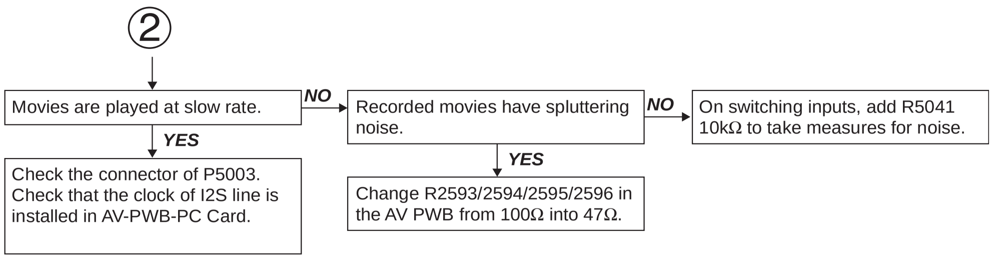
Check the voltages supplied to the panel:
Pin (2): VH0 7.47V
Pin (3): VH31 9.48V
Pin (4): VH63 9.74V
Pin (5): VH95 10.11V
Pin (6): VH127 10.47V
Pin (7): VH159 10.93V
Pin (8): VH191 11.41V
Pin (9): VH247 12.30V
Pin (10): VH255 14.2V
Pin (11): VLS 15V
Pin (30): VSH 3.3V
Pin (64): VL0 7.42V
Pin (63): VL31 5.32V
Pin (62): VL63 4.93V
Pin (61): VL95 4.53V
Pin (60): VL127 4.06V
Pin (59): VL159 3.55V
Pin (58): VL191 3.06V
Pin (57): VL247 0.99V
Pin (56): VL255 0.28V
Pin (76): VGH Square wave (32V-15V)
Pin (78): VGL -7V

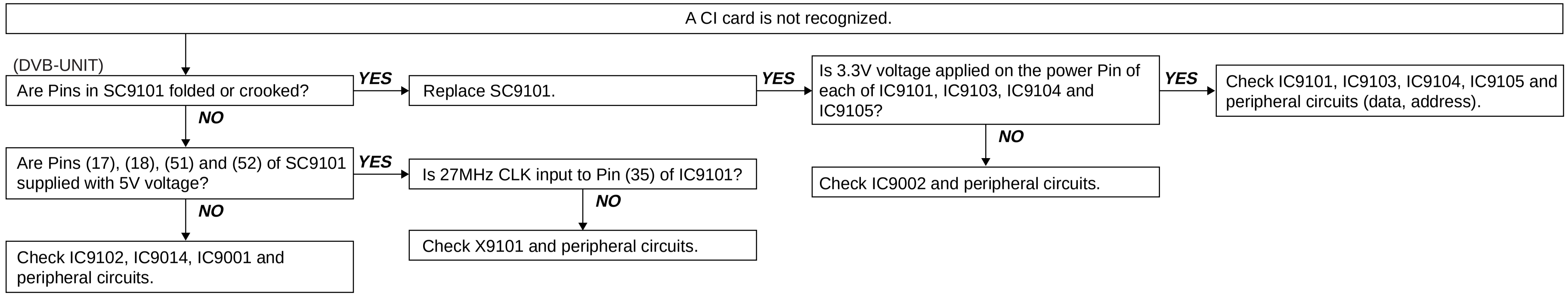
TROUBLE SHOOTING TABLE (Continued)


Card troubleshooting
Are the software version of the PC card first and then the Version No?
YES
NO
①
Is that the newest Version No.?
NO
Upgrade the version of the soft.
See page 44and 45
YES
When the panel is changed to the Card Window, does the panel flash?
NO
Even with the card is inserted, freeze occurs in the state of loading.
NO
②
YES
See to operation manual or the Sharp Web-site.
Is the PC card applicable?
NO
The card may be unapplicable/unconfirmed or defect. Try other cards to check if the same problem occurs. Also check that the card is readable by PC.
YES
Wait for about 5 minutes from inserting the card in the state of loading.
Thumb-nails or index are displayed.
In the following cases, it may take long time to access. These cases are not defect.
•A lot of files
•A lot of folders
•Card having large capacity
•Card accessing at slow rate (early CF, SM, MS or etc.)
•In the case of that adapters are used in double or triple
SD -->CF type SD adapter
--> PCMCIA adapter
mini SD --> mini SD adapter
--> PCMCIA adapter etc.
•Card having some large files
Still loading
YES
Does Pin (32) of IC5101 show 3.3V?
NO
Confirm that solder at R5141/R5142/R5144/R5134 is not wet.
YES
Is the socket of SC5102 inserted correctly?
NO
Reinsert the socket.
YES
Is voltage at Pins (28)(27) of SC5102 within 1.25±0.2V?
NO
Solder of SC5102/IC5101 may bridge. Check SC5102/IC5102 and peripheral circuits.
YES
Is the H.V output to Pins (6)(7) of IC5101?
NO
IC5001/IC5003/IC5006 may be defective.
YES
Is the CLK output to Pin (31) of IC5101?
NO
YES
The problem probably results from the factor other than the card PWB.
Output from Pin (3) of IC5605 is 3.3V or 5V
YES
Make sure that about 2.7V is even NG.
Defective contact, bending of pins or that solder is not wet may be occurring.
NO
The buffer circuit of IC5601 thru 5607 and IC5001 may be defective.
Or the PC card may be defective.
Try other cards to check if the same problem occurs.
Also check the card is readable by PC.
YES
Reinsert the SC5602 card slot to confirm.
Repair the corresponding places.
NO
Output from Pin (2) of IC5605 is not lower than 2V.
NO
IC5001 may be defective.
YES
Input to Pin (1) of IC5605 is not lower than 4V.
NO
Does Pin (1) of P5003 show 10V?
NO
The AV PWB or SUB POWER PWB may have problems.
YES
IC5103 and peripheral circuits may be defective, or Q5103 may be damaged.
YES
IC5001 may be defective.

TROUBLE SHOOTING TABLE (Continued)


①
Is the power 3.3V input to Pin (3) of P5003?
NO
Check which is the cause, the PC PWB or Main PWB. (Disconnect SC5102/P5003 and check impedance of Gnd-3.3V is about 8.9kΩ)
YES
Is the socket of SC5102 inserted?
NO
Reinsert the socket.
YES
Is the power 1.5V output to Pin (3) of IC5004?
NO
The power Reg IC5004 may be damaged or IC5001/5201 may be defective. (Impedance of Gnd-1.5V is about 700Ω)
YES
Is voltage of Pin (3) of S5001 (RESET SW)3.3V?
NO
The solder bridge at SC5102 or defect of IC5001 may be occurring. (Impedance of Gnd-1.5V is about 19.5kΩ)
YES
Is voltage of R5101/5102 3.3V?
NO
R5102 is defective.
YES
Check that solder of the IC5003 (32MB flash memory) is not wet.
Especially, check that Pins (1)(24)(25)(48) is not wet.
NG
Repair the corresponding places.
OK
Replace the IC5003 (flash memory) or re-upgrade version of the soft.
See Page 44


②
Movies are played at slow rate.
YES
Check the connector of P5003. Check that the clock of I2S line is installed in AV-PWB-PC Card.
NO
Recorded movies have spluttering noise.
YES
Change R2593/2594/2595/2596 in the AV PWB from 100Ω into 47Ω.
NO
On switching inputs, add R5041 10kΩ to take measures for noise.


A CI card is not recognized.
(DVB-UNIT)
Are Pins in SC9101 folded or crooked?
YES
Replace SC9101.
YES
Is 3.3V voltage applied on the power Pin of each of IC9101, IC9103, IC9104 and IC9105?
YES
Check IC9101, IC9103, IC9104, IC9105 and peripheral circuits (data, address).
NO
Check IC9002 and peripheral circuits.
NO
Are Pins (17), (18), (51) and (52) of SC9101 supplied with 5V voltage?
YES
Is 27MHz CLK input to Pin (35) of IC9101?
NO
Check X9101 and peripheral circuits.
NO
Check IC9102, IC9014, IC9001 and peripheral circuits.

Major IC Informations

(AVC section)

- IC3801 (CXA2069Q)

7-input/3-output selector. All the audio signals and video signals except those related to PCs or components from each input terminal and tuner are sent to this IC and selected.
The video output signals from this IC are sent to the video decoder circuits with a built-in YC separation [IC402/502 (main) and IC601 (sub)] via low-pass filters of IC401 (SM5302AS) and IC503/600 (SM5313AS).
The external input audio signals are supplied to the 1-bit amplifier via IC2501 (SOUND PROCESSOR).

- IC3805 (MM1519XQ)

4-input/3-output video selector for component input.
Inputs: INPUT 3 for component, INPUT1/INPUT3 for RGB, and TELETEXT for RGB signal
Component outputs: MAIN, SUB, and PASS

- IC1601 (SDA5550M)

The SDA5550M is a single chip teletext decoder for decoding World System teletext data as well as Video Programming System (VPS), Program Delivery Control (PDC), and Wide Screen Signaling (WSS) data used for PAL plus transmissions (line23).

- IC1602 (iXA134WJ)

4 Mb dual operation flash memory.
It integrates the TELTEXT processor program, and a processor command produces an output.

- IC1603 (62S8308X)

256 K x 8 bit CMOS Static RAM.
It is used to save TELTEXT signals transmitted along with broadcast data. A TELTEXT processor command produces an output when necessary.

- IC401 (SM5302AS)

3 ch video buffer with built-in fifth order Butterworth low-pass filter for PAL main signal processing. Cut-off frequency for the low-pass filter is adjustable.
This filter allows video signal input/output between 480i and 1080i.

- IC503 (SM5313AS)

6 ch video buffer with low-pass filter for SECAM/RGB main signal processing.
It can drive a total 6 channels of S-terminal signal, composite signal, and component signal at the same time. Composite signals are mixed with inputted Y/C signals and sent out.

- IC600 (SM5313AS)

6 ch video buffer with low-pass filter for sub signal processing.
It can drive a total 6 channels of S-terminal signal, composite signal, and component signal at the same time. Composite signals are mixed with inputted Y/C signals and sent out.

- IC402 (CXD3802B)

Digital chroma decoder that is used for main signal processing. It performs luminance signal, chrominance, and sync signal processing of the adaptive 3D-comb filter PLA method CVBS/YC signal, analog component signal, and digital component signal.
10 bit Y/CbCr (ITU_R601) output.

- IC502 (CXD2096Q)

Digital chroma decoder that is used for main signal processing. It performs luminance signal, chroma signal, and sync signal processing of the adaptive 2D-comb filter SECAM/RGB signal.
10 bit Y/CbCr (ITU_R601) output.

- IC601 (VPC3230D)

Digital video decoder that is used for sub signal processing. It performs luminance signal, chroma signal, and sync

signal processing of the 4H-comb filter PLA/SECAM system.
8 bit Y/CbCr (ITU_R656) output.

- IC7203 (TVP5150A)

Performs copy control according to analog PAL and SECAM video signals.

- IC3700 (AD9981)

A/D converter with built-in PLL AMP
After controlling level of analog RGB input signal, A/D conversion is performed using the clock generated by PLL to output signals at TTL level.
Video signal sent to this IC is digitally converted and sent to IC801 [F.P.G.A. (Field Programmable Gate Arrays)].

- IC802 (IXA835WJ)

F.P.G.A. (Field Programmable Gate Arrays) for synchronous processing and signal selector of each digitalized input signal.

- IC3300 (IXB348WJ)

Performs data conversion for video signal processing, such as I/P conversion, γ correction, and scaling, to fit digitalized video signal to output resolution. It also controls 2 screen display and OSD display.
Output digital signal is sent to IC3201 (LVDS TRANSMITTER).

- IC3401/3403 (IXB077WJ)

128 Mb (1 M x 32 bits x 4 Banks) Graphic Double Data Synchronous DRAM.
Used to save video signal temporarily for 3D-comb filter and block noise reducer of 3D-YC (IC402) as well as and progressive format converter (image transformation) and noise reducer of CIV IC (IC3300).

- IC3201 (THC63LVD823)

170 MHz LVDS (Low Voltage Differential Signaling) 24 bit interface chip set for transmission. It is an LSI for serializing and transmitting RGB signals, HD/VD/blanking signals and pixel clocks.
LVDS is a method for transmitting high-speed digital signals via cables driven by low-amplitude differential signals. 1LINK consists of five pairs of differential signals. The TA, TB, TC, and TD pairs are used for data transmissions, and the TCLK pair is used for pixel clock transmissions. Seven data bits of TA, TB, TC and TD each (28 in total) are transmitted per pixel clock.
RGB (24 bit) signal and sync signal (HD, VD and DE) are allocated to these 28 data.

- IC2802 (THC53LVD824)

170 MHz LVDS (Low Voltage Differential Signaling) 24 bit interface chip set for reception from IC3201. LVDS signals transmitted from IC3201 are sent to HDCP Panellink transmitter IC of IC3103.

- IC3103 (SiI170GB)

HDCP compatible DVI transmitter. It serializes parallel RGB (digital) video signals and transfer to the display side as TMDS signals at high speed.

- IC7253 (DS90C386)

Together with DS90C385 on PC-CARD circuit, DS90C386 handles 4 pairs of LVDS data streams.

- IC7254 (DS90C385)

Programmable LVDS (Low Voltage Differential Signaling) transmitter for communications to PC-CARD circuit. It converts 28 bit LVCMOS/LVTTL input parallel data to 4 pairs of LVDS serial data. It also converts the clock signal to a pair of LVDS data after phase adjustment at transmitter PLL circuit. 28 bit input data is sampled for each clock signal cycle and transmitted. Clock frequency is 27 MHz and digital video data are sent and received. This IC handles, in the order of YCbYCr (time division), 8 bit data and 10 types of data for H and V (for retrieving CIVIC DATA).

- IC2501 (MSP3450G)

IC for decoding sound data.
Decodes S-IF and simultaneously acts as a selector of inputted sound data.

- IC2514 (AK4586VQ)

24 bit CODEC with built-in 2CH ADC and 6CH DAC. (CODEC is a device that converts analog signal to digital bit stream.)
It has a 96 kHz, 24 bit compatible built-in DIR (Digital audio receiver) and automatically detects non-PCM data stream such as AC-3/MPEG.
CODEC is a circuit that converts analog sound data to digital codes, and vice versa.

- IC2510 (NJU26150)

Processor IC consisting of a 24 bit DSP (Digital Signal Processor) core with built-in DIR and various interfaces. It is activated by downloading a program written on IC2508 (E^2PROM) to the built-in PRAM.
The internal function is composed of sound delay, BBE and parametric equalizer, and performs digital processing in the I^2S format.
It has three input lines (SDI0, SDI1 and SDI2) and three output lines (SD00, SD01 and SD02). Two types of LR clock (LRI and LRO) and BCK (BCKI and BCKO) establish data transfer on serial data lines.

- IC2500 (NJU26106)

Digital signal processor to decode matrix-encoded stereo signal (Lt/Rt). On this unit, it functions as the Dolby Virtual.

- IC2511 (AK4353)

96 kHz, 24 bit compatible stereo CMOS D/A converter with a built-in digital audio transmitter. On this unit, it performs conversion from I^2S to SPDIF format for optical output.

- IC2515 (AK5381VT)

Stereo A/D converter for sampling frequency of 4 kHz – 96 kHz. It is used as an analog input interface for the center speaker.

- IC10001 (IXB027WJ)

High performance CPLD (Complex Programmable Logic Device).
Communicates to the display section and operates the system.
It also controls ICs of the entire system.

- IC3704 (TA1318AF)

IC for TV component signal synchronous processing and frequency counter.
It incorporates functions required for frequency measurement of input signals and for synchronous play in one chip.
It is compatible with horizontal synchronous play (15.75 kHz, 31.5 kHz, 33.75 kHz, 45 kHz) and vertical synchronous play (525I, 525P, 625I, 750P, 1125I, 1125P, PAL100 Hz, NTSC 120 Hz).

- IC1900 (SiI907)

DVI receiver with the High-bandwidth Digital Content Protection (HDCP).
The HDCP decoding engine is compatible with the pixel-by-pixel method.
The I^2C interface communicates with a host at 400 kHz using the slave I^2C interface. The HDCP key is pre-programmed and authentication management is performed by reading/writing to the entry in SiI 907 through I^2C interface.
The key cannot be read for safety.

(Display section)

- IC4001, IC4004 (IXB001WJ)

Picture quality correction/left-right split IC
i) False contour correction (de-contouring) - - - Reduces noise such as false contour.
ii) LUT method γ correction - - - Corrects the white balance with LUT method.
iii) Color management - - - Varies the data output value depending on the gradation between subpixels.
iv) Advanced BDE - - - Displays pictures with a quality equivalent to 10 bits on the 8-bit panel.
v) Left-right split processing - - - Selects the image data sent to the QS driver depending on the panel installation condition.

Input signal is Dual link LVDS with RGB of 8 bits each. Output signal performs CMOS output with RGB of 8 bits each, sync signal (H, V, DE) synchronizing with the input signal and free running sync signal (H, V, DE) output.
IC4001 outputs the right image data and IC 4004 outputs the left image data.

- IC4003 (IXA998WJ)

EEPROM for storing 10-bit gamma correction and cross-talk correction data.
Data is read into IXB001WJ on start-up. (The master is IC4004.)

- IC4101, IC4201 (IXB002WJ)

QS driver.
Uses the QS (Quick Shoot) for the input signal from the picture quality correction/left-right split IC, according to the temperature parameter setting from monitor microprocessor, and outputs 2 types of signals (for upper LCD controller and lower LCD controller) from LVDS. Also controls FIFO (IC4102, IC4202: RH-IXA986WJZZQ) used for calculation. IC4101 outputs the right image data and IC 4201 outputs the left image data.

- IC4102, IC4202 (IXA986WJ)

26Mbit FIFO.
Memories for operation of QS.

- IC4103, IC4203 (IXA999WJ)

EEPROM for storing QS parameters.
Data is read into QS driver on a frame-by-frame basis.

- IC4301, IC4302, IC6401, IC6402 (IXB003WJ)

LCD controller.
Receives RGB signal of LVDS sent from the QS driver (of right and left screen), and outputs image signal (RSDS) to LCD panel. IC4301/IC6401 output the right image data and IC4302/IC6402 output the left image data. IC4301 outputs control signal for activating the upper LCD panel and IC6402 outputs for activating the lower LCD panel. This IC controls dimmer and creates the control signal of the CS circuit. IC4301 connects to each circuit.

- IC4401 (IXB036WJ)

Sync signal discrimination/CS (chip select) signal output IC.
This IC counts the synchronization and determines if the input signal is i) no sync, ii) 1080p 60Hz, iii) VGA or iv) others when only the monitor is active. CS (chip select) signal of most of the ICs, controlled by 3-line serial, is generated by this IC.

- IC4504, IC6602 (IXA706WJ)

Gradation reference power supply for TFT LCD. It incorporates a gradation output buffer amplifier 18 circuit, CMOS buffer amplifier and reference voltage generator.

- IC2203 (IXA870WJ)

Monitor microprocessor. It performs OSD control of the monitor section, panel temperature detection by a thermistor, temperature parameter setting against QS driver, timing setting against LCD controller, dimmer data setting, power supply control of the monitor section, power supply line monitoring, remote control decoding and OPC control.

- IC4808, IC1703 (MD1422N)

DC/DC converter IC.
At IC4808, 8V for panel power supply (15V, -7V, 32V) is generated from 12V, and at IC1703, 3.3V (2-system) for controller PWB is generated from 12V.

- IC4503, IC4505, IC6601, IC6603 (IXA867WJ)

10-bit DAC. It generates gradation power supply voltage of the panel.

- IC5301 (SiI1161)

DVI receiver.
DVI receiver with jitter correction (equalizer) of TMDS signals. Outputs one-phase image data with RGB of 8 bits each. This IC does not decode HDCP.

- IC5401 (SiI160G)

DVI transmitter.
Converts one-phase RGB image signal sent from SiI1161 to TMDS differential signal.

- IC5402 (SiI169G)

HDCP decoder.
Outputs TMDS signals from SiI160G as two-phase (ODD/EVEN) image data with RGB of 8 bits each, and decodes HDCP.

- IC5501, IC5502 (TLVD823)

LVDS transmitter.
Converts two-phase (ODD/EVEN) image data (RGB of 8 bits each) sent from SiI169G to LVDS signals. Because both IC5501 and IC5502 receive the same signals, outputs are also the same.

- IC5802 (IXB246WJ)

CS voltage switching control IC. It generates the timing to switch CS voltage (quaternary) by CS signal output from IC4301.

- IC1704 (FA3675)

IC for controlling switching power supply. Controls step-down switching regulator 5 circuit and step-up switching regulator 1 circuit with PWM control.

- IC7851, IC7852 (LM2642MT)

2 ch step-down synchronous rectification switching controller. Drives rear-stage N channel MOSFET and controls 2 channels. Controls 8.1V and 3.4V at IC7851, 6.3V and 5.2V at IC7852.

- IC101 (TPS850)

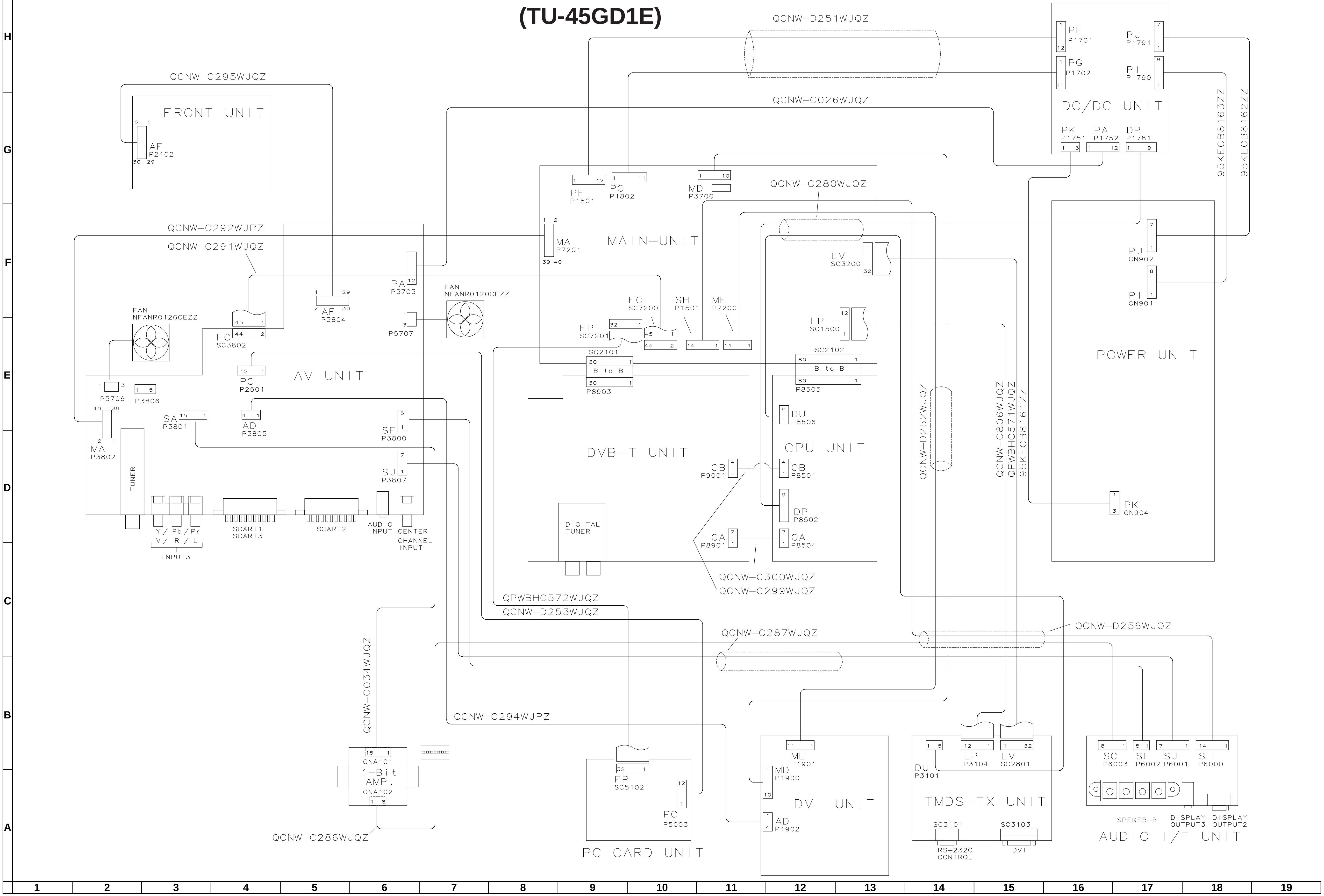
Photo IC.
Controls the backlight brightness according to this IC's output voltage when the brightness sensor is turned on.

- IC7301, IC7401, IC7501, IC7601 (BD9884FV)

DC-AC inverter control IC. Integrates a low voltage protection circuit, soft start circuit and timer latch circuit; performs half-bridge 2-channel sync control, current/voltage feedback control and sync control of multiple BD9884FVs.

CHASSIS LAYOUT/OVERALL WIRING DIAGRAM

(TU-45GD1E)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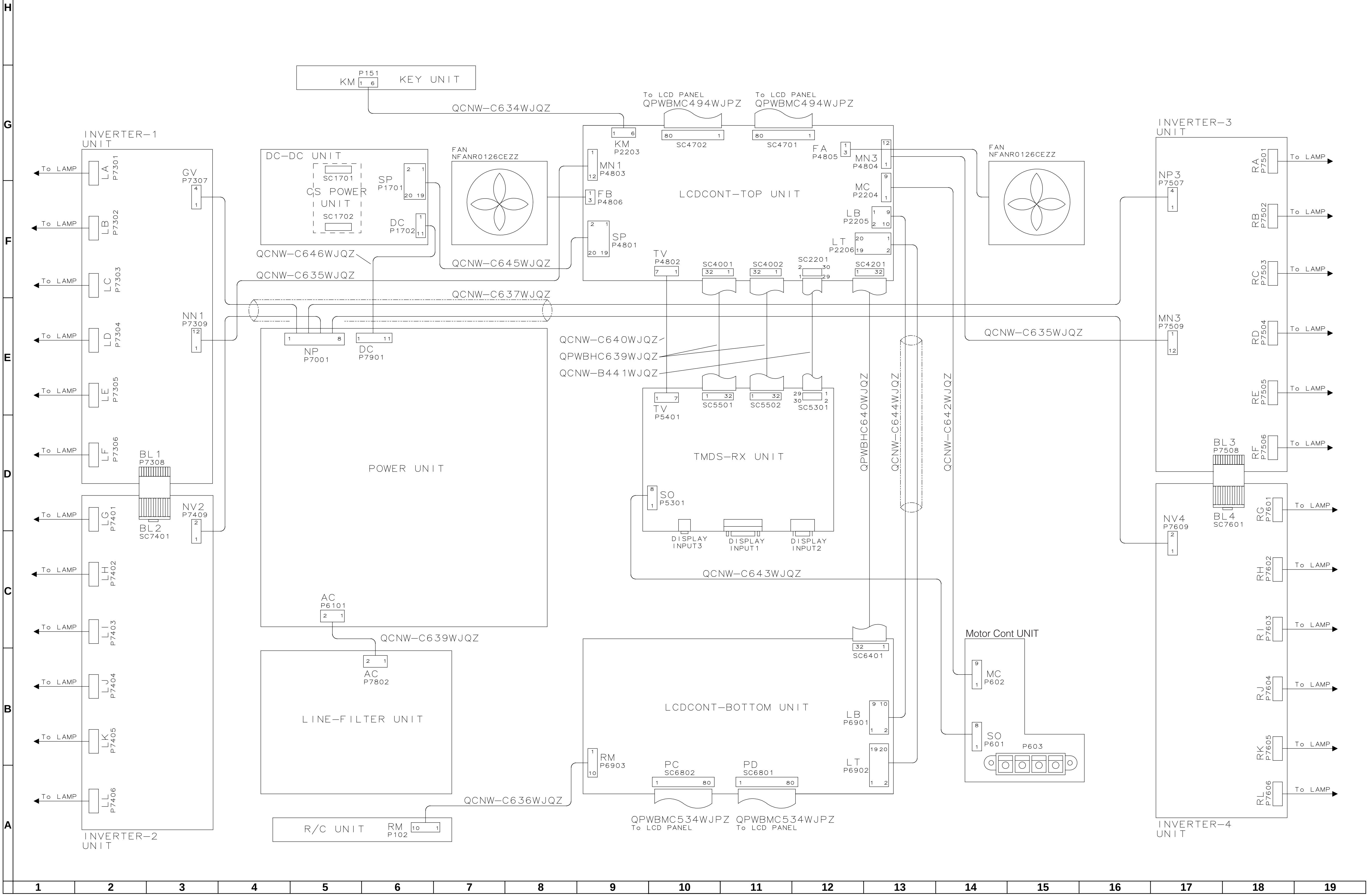
QCNW-D251WJQZ
QCNW-C295WJQZ
FRONT UNIT
AF
P2402
QCNW-C026WJQZ
DC/DC UNIT
PF
P1701
PG
P1702
PJ
P1791
PI
P1790
PK
P1751
PA
P1752
DP
P1781
95KECB8163ZZ
95KECB8162ZZ
PF
P1801
PG
P1802
MD
P3700
QCNW-C280WJQZ
QCNW-C292WJPZ
QCNW-C291WJQZ
MA
P7201
MAIN-UNIT
LV
SC3200
LP
SC1500
POWER UNIT
PJ
CN902
PI
CN901
PA
P5703
FAN
NFANR0120CEZZ
FAN
NFANR0126CEZZ
AF
P3804
P5707
FC
SC7200
SH
P1501
ME
P7200
FP
SC7201
FC
SC3802
SC2101
B to B
P8903
SC2102
B to B
P8505
AV UNIT
PC
P2501
P5706
P3806
SA
P3801
AD
P3805
SF
P3800
SJ
P3807
MA
P3802
TUNER
DVB-T UNIT
CB
P9001
CA
P8901
DIGITAL
TUNER
DU
P8506
CPU UNIT
CB
P8501
DP
P8502
CA
P8504
QCNW-D252WJQZ
QCNW-C806WJQZ
QPWBHC571WJQZ
95KECB8161ZZ
PK
CN904
Y/ Pb/ Pr
V/ R/ L
INPUT3
SCART1
SCART3
SCART2
AUDIO
INPUT
CENTER
CHANNEL
INPUT
QCNW-C300WJQZ
QCNW-C299WJQZ
QPWBHC572WJQZ
QCNW-D253WJQZ
QCNW-D256WJQZ
QCNW-C287WJQZ
QCNW-C034WJQZ
QCNW-C294WJPZ
CNA101
1-Bit
AMP.
CNA102
QCNW-C286WJQZ
FP
SC5102
PC
P5003
PC CARD UNIT
ME
P1901
MD
P1900
AD
P1902
DVI UNIT
DU
P3101
LP
P3104
LV
SC2801
TMDS-TX UNIT
SC3101
SC3103
RS-232C
CONTROL
DVI
SC
P6003
SF
P6002
SJ
P6001
SH
P6000
SPEKER-B
DISPLAY
OUTPUT3
DISPLAY
OUTPUT2
AUDIO I/F UNIT

CHASSIS LAYOUT/OVERALL WIRING DIAGRAM

(LC-45GD1E)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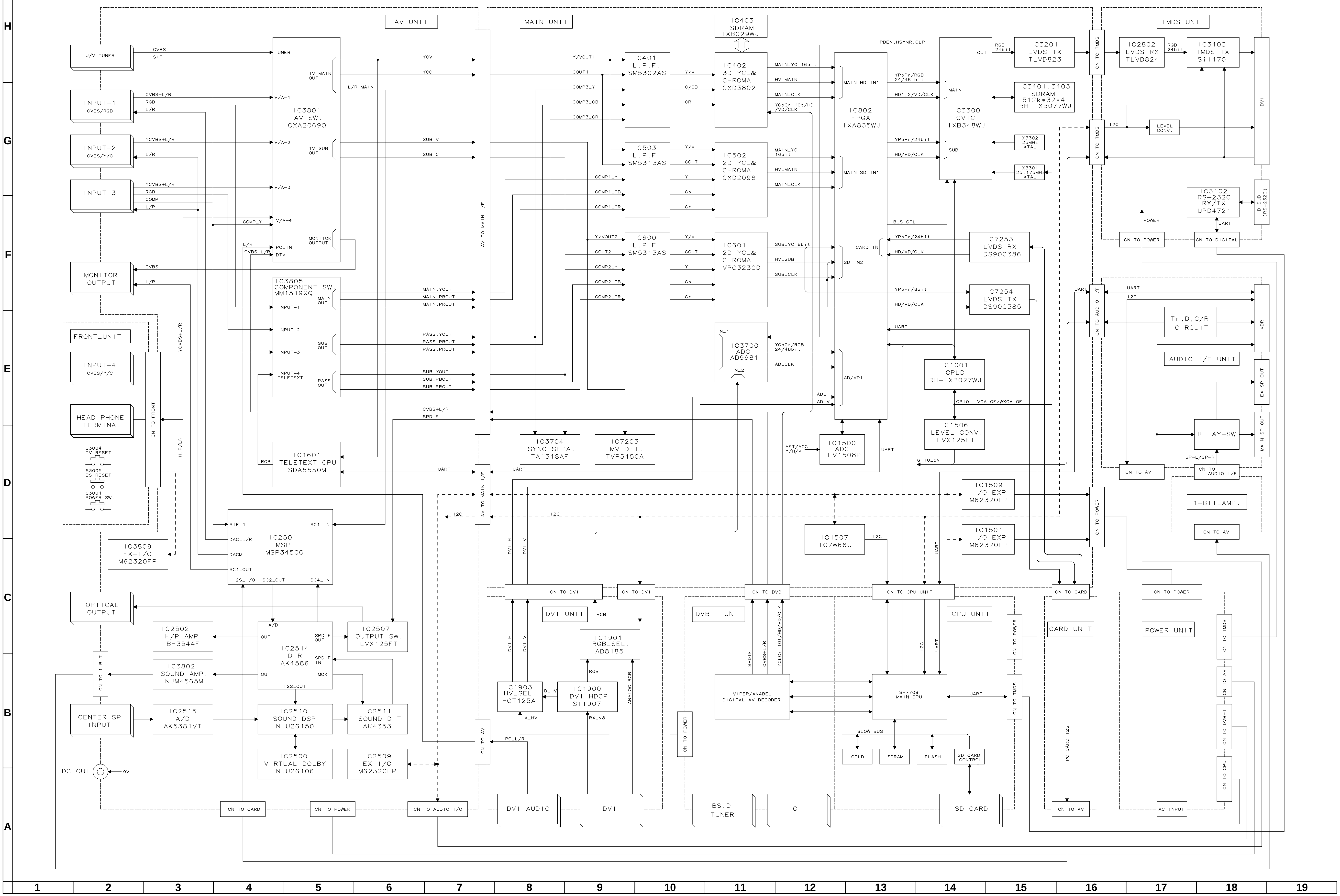
KEY UNIT
KM P151
QCNW-C634WJQZ
To LCD PANEL QPWBMC494WJPZ
To LCD PANEL QPWBMC494WJPZ
INVERTER-1 UNIT
LA P7301
LB P7302
LC P7303
LD P7304
LE P7305
LF P7306
GV P7307
NN1 P7309
BL1 P7308
BL2 SC7401
To LAMP
DC-DC UNIT
CS POWER UNIT
SC1701
SC1702
SP P1701
DC P1702
FAN NFANR0126CEZZ
QCNW-C646WJQZ
QCNW-C635WJQZ
QCNW-C645WJQZ
QCNW-C637WJQZ
LCDCONT-TOP UNIT
KM P2203
MN1 P4803
FB P4806
SP P4801
SC4702
SC4701
FA P4805
MN3 P4804
MC P2204
LB P2205
LT P2206
TV P4802
SC4001
SC4002
SC2201
SC4201
FAN NFANR0126CEZZ
INVERTER-3 UNIT
NP3 P7507
MN3 P7509
BL3 P7508
BL4 SC7601
RA P7501
RB P7502
RC P7503
RD P7504
RE P7505
RF P7506
QCNW-C635WJQZ
POWER UNIT
NP P7001
DC P7901
AC P6101
QCNW-C640WJQZ
QPWBHC639WJQZ
QCNW-B441WJQZ
TMDS-RX UNIT
TV P5401
SC5501
SC5502
SC5301
SO P5301
DISPLAY INPUT3
DISPLAY INPUT1
DISPLAY INPUT2
QPWBHC640WJQZ
QCNW-C644WJQZ
QCNW-C642WJQZ
QCNW-C643WJQZ
INVERTER-2 UNIT
LG P7401
LH P7402
LI P7403
LJ P7404
LK P7405
LL P7406
NV2 P7409
QCNW-C639WJQZ
LINE-FILTER UNIT
AC P7802
LCDCONT-BOTTOM UNIT
SC6401
LB P6901
LT P6902
RM P6903
PC SC6802
PD SC6801
QPWBMC534WJPZ To LCD PANEL
QPWBMC534WJPZ To LCD PANEL
QCNW-C636WJQZ
R/C UNIT
RM P102
Motor Cont UNIT
MC P602
SO P601
P603
INVERTER-4 UNIT
NV4 P7609
RG P7601
RH P7602
RI P7603
RJ P7604
RK P7605
RL P7606

SYSTEM BLOCK DIAGRAM (TU-45GD1E)


AV_UNIT
MAIN_UNIT
TMDS_UNIT
FRONT_UNIT
AUDIO I/F_UNIT
DVI UNIT
DVB-T UNIT
CPU UNIT
CARD UNIT
POWER UNIT
U/V_TUNER
INPUT-1 CVBS/RGB
INPUT-2 CVBS/Y/C
INPUT-3
MONITOR OUTPUT
INPUT-4 CVBS/Y/C
HEAD PHONE TERMINAL
S3004 TV RESET
S3005 BS RESET
S3001 POWER SW.
IC3809 EX-I/O M62320FP
OPTICAL OUTPUT
CENTER SP INPUT
DC_OUT
9V
IC3801 AV-SW. CXA2069Q
IC3805 COMPONENT SW. MM1519XQ
IC1601 TELETEXT CPU SDA5550M
IC2501 MSP MSP3450G
IC2502 H/P AMP. BH3544F
IC3802 SOUND AMP. NJM4565M
IC2515 A/D AK5381VT
IC2514 DIR AK4586
IC2507 OUTPUT SW. LVX125FT
IC2510 SOUND DSP NJU26150
IC2511 SOUND DIT AK4353
IC2500 VIRTUAL DOLBY NJU26106
IC2509 EX-I/O M62320FP
AV TO MAIN I/F
CN TO FRONT
CN TO 1-BIT
CN TO CARD
CN TO POWER
CN TO AUDIO I/O
IC403 SDRAM IXB029WJ
IC401 L.P.F. SM5302AS
IC402 3D-YC_& CHROMA CXD3802
IC503 L.P.F. SM5313AS
IC502 2D-YC_& CHROMA CXD2096
IC600 L.P.F. SM5313AS
IC601 2D-YC_& CHROMA VPC3230D
IC802 FPGA IXA835WJ
IC3300 CVIC IXB348WJ
IC3201 LVDS TX TLVD823
IC3401,3403 SDRAM 512k*32*4 RH-IXB077WJ
X3302 25MHz XTAL
X3301 25.175MHz XTAL
IC7253 LVDS RX DS90C386
IC7254 LVDS TX DS90C385
IC3700 ADC AD9981
IC3704 SYNC SEPA. TA1318AF
IC7203 MV DET. TVP5150A
IC1500 ADC TLV1508P
IC1001 CPLD RH-IXB027WJ
IC1506 LEVEL CONV. LVX125FT
IC1509 I/O EXP M62320FP
IC1501 I/O EXP M62320FP
IC1507 TC7W66U
IC2802 LVDS RX TLVD824
IC3103 TMDS TX SiI170
LEVEL CONV.
DVI
IC3102 RS-232C RX/TX UPD4721
D-SUB (RS-232C)
CN TO TMDS
CN TO POWER
CN TO DIGITAL
CN TO AUDIO I/F
Tr,D,C/R CIRCUIT
MDR
EX SP OUT
MAIN SP OUT
RELAY-SW
CN TO AV
1-BIT_AMP.
CN TO DVI
CN TO DVB
CN TO CPU UNIT
IC1901 RGB_SEL. AD8185
IC1903 HV_SEL. HCT125A
IC1900 DVI HDCP SiI907
DVI AUDIO
VIPER/ANABEL DIGITAL AV DECODER
BS.D TUNER
CI
SH7709 MAIN CPU
CPLD
SDRAM
FLASH
SD CARD CONTROL
SD CARD
PC CARD I2S
AC INPUT
CN TO DVB-T
CN TO CPU
CVBS
SIF
YCV
YCC
L/R MAIN
SUB V
SUB C
MAIN.YOUT
MAIN.PBOUT
MAIN.PROUT
PASS.YOUT
PASS.PBOUT
PASS.PROUT
SUB.YOUT
SUB.PBOUT
SUB.PROUT
CVBS+L/R
SPDIF
UART
I2C
Y/VOUT1
COUT1
COMP3_Y
COMP3_CB
COMP3_CR
COMP1_Y
COMP1_CB
COMP1_CR
Y/VOUT2
COUT2
COMP2_Y
COMP2_CB
COMP2_CR
MAIN_YC 16bit
HV_MAIN
MAIN_CLK
SUB_YC 8bit
HV_SUB
SUB_CLK
PDEN,HSYNR,CLP
YPbPr/RGB 24/48 bit
HD1,2/VD/CLK
YPbPr/24bit
HD/VD/CLK
YPbPr/8bit
BUS CTL
CARD IN
RGB 24bit
AD_CLK
AD_H
AD_V
AFT/AGC Y/H/V
GPIO
VGA_OE/WXGA_OE
GPIO_5V
SP-L/SP-R
DVI-H
DVI-V
D_HV
A_HV
RX_x8
ANALOG RGB
PC_L/R
SLOW BUS
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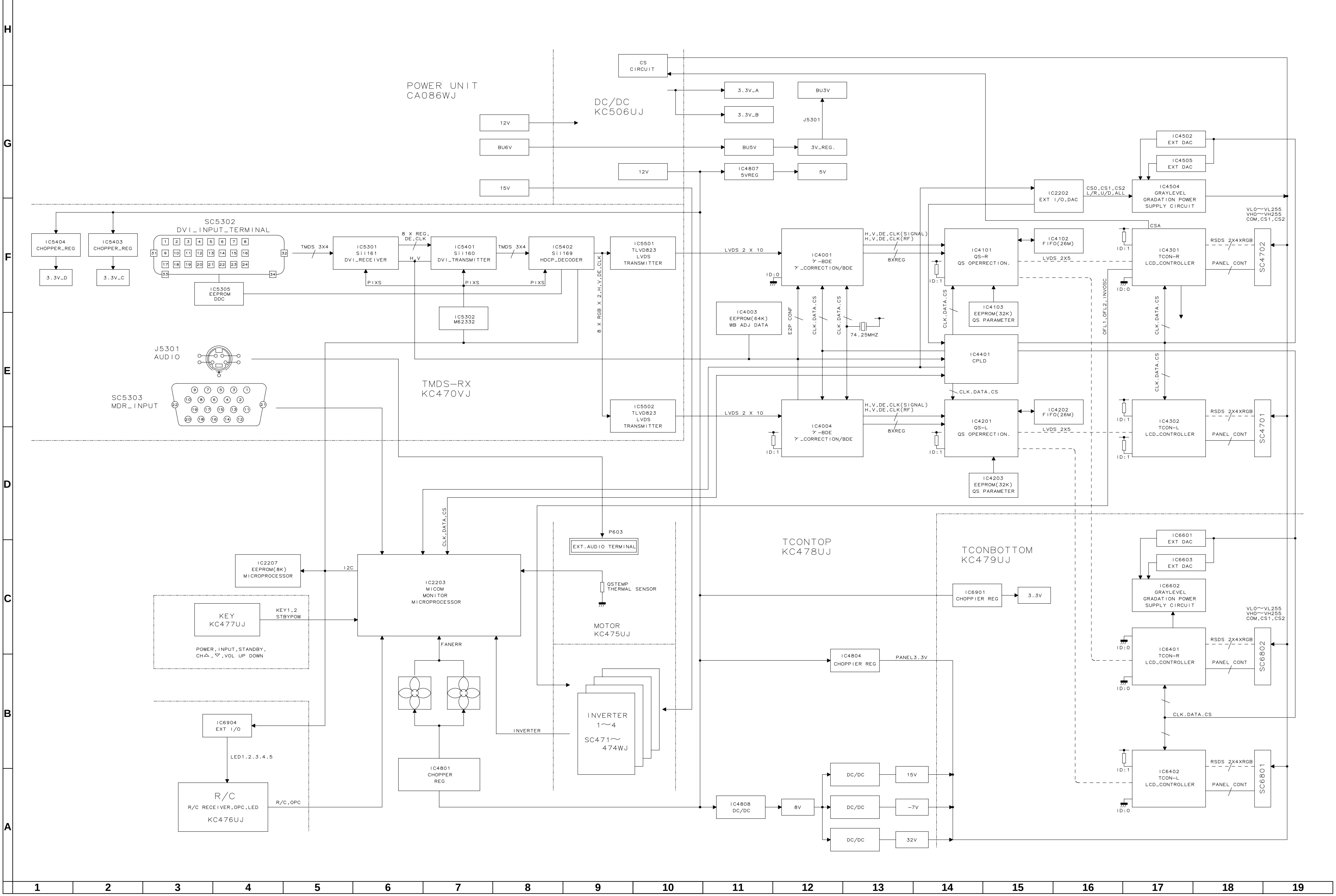
SYSTEM BLOCK DIAGRAM (LC-45GD1E)


H
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CS CIRCUIT
POWER UNIT
CA086WJ
DC/DC
KC506UJ
12V
BU6V
12V
15V
3.3V_A
3.3V_B
BU3V
J5301
BU5V
3V_REG.
IC4807
5VREG
5V
IC4502
EXT DAC
IC4505
EXT DAC
IC2202
EXT I/O,DAC
CS0,CS1,CS2
L/R,U/D,ALL
IC4504
GRAYLEVEL
GRADATION POWER
SUPPLY CIRCUIT
VL0〜VL255
VH0〜VH255
COM,CS1,CS2
CSA
IC5404
CHOPPER_REG
3.3V_D
IC5403
CHOPPER_REG
3.3V_C
SC5302
DVI_INPUT_TERMINAL
1 2 3 4 5 6 7 8
31 9 10 11 12 13 14 15 16 32
17 18 19 20 21 22 23 24
33 34
IC5305
EEPROM
DDC
TMDS 3X4
IC5301
SiI161
DVI_RECEIVER
8 X REG,
DE,CLK
H,V
IC5401
SiI160
DVI_TRANSMITTER
TMDS 3X4
IC5402
SiI169
HDCP_DECODER
PIXS
PIXS
PIXS
IC5302
M62332
8 X RGB X 2,H,V,DE,CLK
IC5501
TLVD823
LVDS
TRANSMITTER
IC5502
TLVD823
LVDS
TRANSMITTER
LVDS 2 X 10
LVDS 2 X 10
IC4001
γ-BDE
γ_CORRECTION/BDE
ID:0
IC4004
γ-BDE
γ_CORRECTION/BDE
ID:1
H,V,DE,CLK(SIGNAL)
H,V,DE,CLK(RF)
8XREG
H,V,DE,CLK(SIGNAL)
H,V,DE,CLK(RF)
8XREG
IC4003
EEPROM(64K)
WB ADJ DATA
E2P CONF
CLK.DATA.CS
CLK.DATA.CS
74.25MHZ
IC4101
QS-R
QS OPERRECTION.
ID:1
IC4102
FIFO(26M)
IC4103
EEPROM(32K)
QS PARAMETER
CLK.DATA.CS
LVDS 2X5
IC4401
CPLD
CLK.DATA.CS
IC4201
QS-L
QS OPERRECTION.
ID:1
IC4202
FIFO(26M)
LVDS 2X5
IC4203
EEPROM(32K)
QS PARAMETER
OFL1,OFL2,INVOSC
IC4301
TCON-R
LCD_CONTROLLER
ID:1
ID:0
RSDS 2X4XRGB
PANEL CONT
SC4702
CLK.DATA.CS
CLK.DATA.CS
IC4302
TCON-L
LCD_CONTROLLER
ID:1
ID:1
RSDS 2X4XRGB
PANEL CONT
SC4701
J5301
AUDIO
SC5303
MDR_INPUT
9 7 5 3 1
10 8 6 4 2
22 21
19 17 15 13 11
20 18 16 14 12
TMDS-RX
KC470VJ
CLK,DATA,CS
P603
EXT.AUDIO TERMINAL
IC2207
EEPROM(8K)
MICROPROCESSOR
I2C
IC2203
MICOM
MONITOR
MICROPROCESSOR
QSTEMP
THERMAL SENSOR
MOTOR
KC475UJ
KEY
KC477UJ
KEY1,2
STBYPOW
POWER,INPUT,STANDBY,
CH△,▽,VOL UP DOWN
FANERR
INVERTER
1〜4
SC471〜
474WJ
INVERTER
IC6904
EXT I/O
LED1.2.3.4.5
IC4801
CHOPPER
REG
R/C
R/C RECEIVER,OPC,LED
KC476UJ
R/C,OPC
TCONTOP
KC478UJ
TCONBOTTOM
KC479UJ
IC6901
CHOPPIER REG
3.3V
IC4804
CHOPPIER REG
PANEL3.3V
IC4808
DC/DC
8V
DC/DC
15V
DC/DC
-7V
DC/DC
32V
IC6601
EXT DAC
IC6603
EXT DAC
IC6602
GRAYLEVEL
GRADATION POWER
SUPPLY CIRCUIT
VL0〜VL255
VH0〜VH255
COM,CS1,CS2
IC6401
TCON-R
LCD_CONTROLLER
ID:0
ID:0
RSDS 2X4XRGB
PANEL CONT
SC6802
CLK.DATA.CS
IC6402
TCON-L
LCD_CONTROLLER
ID:1
ID:0
RSDS 2X4XRGB
PANEL CONT
SC6801
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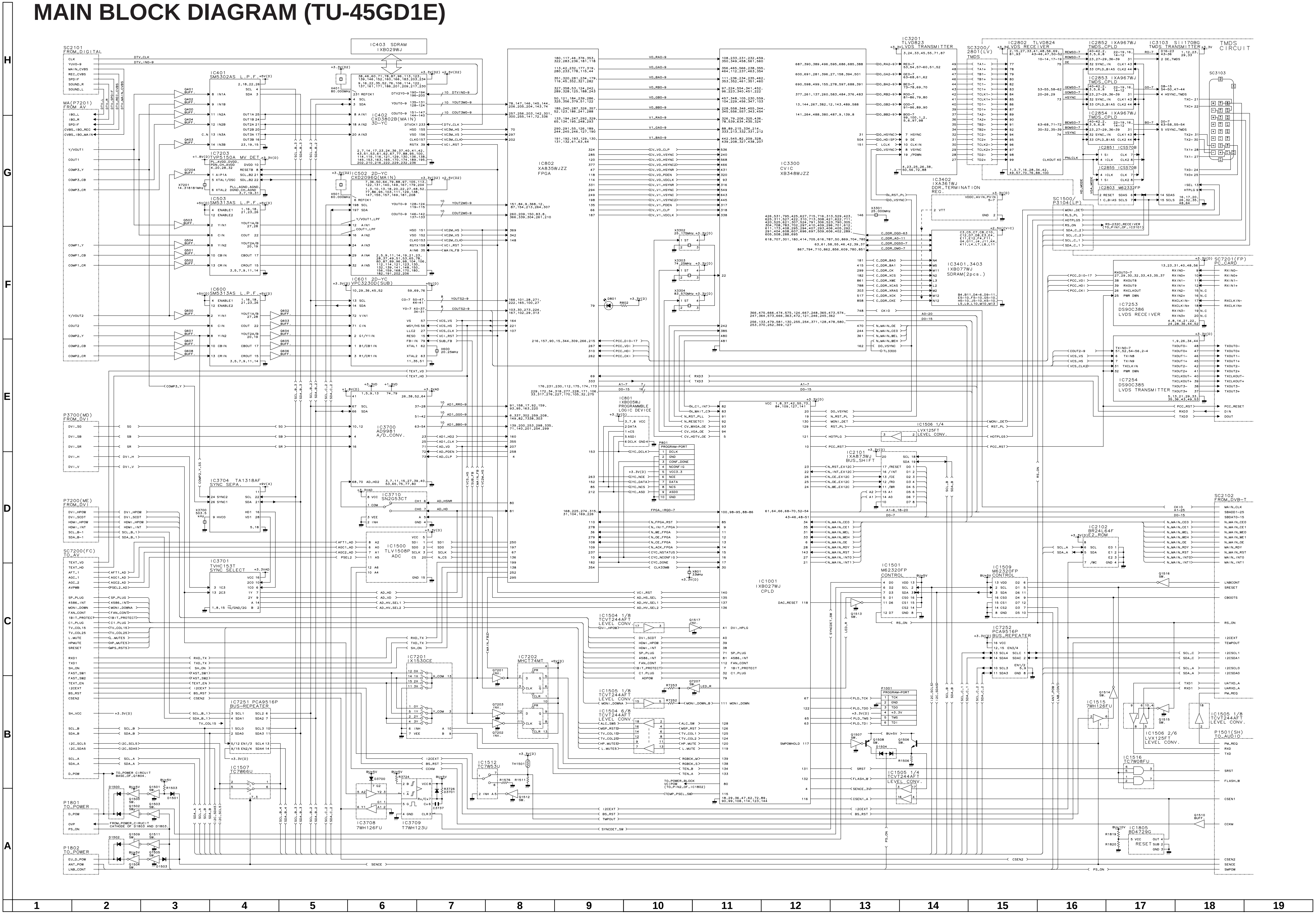
MAIN BLOCK DIAGRAM (TU-45GD1E)


SC2101 FROM_DIGITAL
MA(P7201) FROM_AV
IC403 SDRAM IXB029WJ
IC401 SM5302AS L.P.F.
IC402 CXD3802B(MAIN) 3D-YC
IC7203 TVP5150A MV DET
IC502 2D-YC CXD2096Q(MAIN)
IC503 SM5313AS L.P.F.
IC601 2D-YC VPC3230D(SUB)
IC600 SM5313AS L.P.F.
IC802 XA835WJZZ FPGA
IC3300 CVIC XB348WJZZ
IC3201 TLVD823 LVDS TRANSMITTER
IC2802 TLVD824 LVDS RECEIVER
IC2852 IXA967WJ TMDS_CPLD
IC2853 IXA967WJ TMDS_CPLD
IC2854 IXA967WJ TMDS_CPLD
IC3103 SII170BG TMDS TRANSMITTER
TMDS CIRCUIT
SC3103
IC2851 ICS570B
IC2855 ICS570B
IC2803 M62332FP
IC3402 IXA361WJ DDR_TERMINATION REG.
SC1500/P3104(LP)
IC3401,3403 IXB077WJ SDRAM(2pcs.)
SC7201(FP) PC_CARD
IC7253 DS90C386 LVDS RECEIVER
IC7254 DS90C385 LVDS TRANSMITTER
IC3700 AD9981 A/D_CONV.
IC801 IXB005WJ PROGRAMMBLE LOGIC DEVICE
P801
IC1506 1/4 LVX125FT LEVEL CONV.
IC2101 IXA873WJ BUS_SHIFT
P3700(MD) FROM_DVI
IC3704 TA1318AF SYNC SEPA.
IC3710 SN2G53CT
P7200(ME) FROM_DVI
SC7200(FC) TO_AV
IC1500 TLV1508P ADC
IC3701 TVHC153T SYNC SELECT
IC1001 IXB027WJ CPLD
SC2102 FROM_DVB-T
IC2102 BR24L64F E2_ROM
IC1501 M62320FP CONTROL
IC1509 M62320FP CONTROL
IC1504 1/8 TCVT244AFT LEVEL CONV.
IC7201 IX1530CE
IC7202 MHCT74MT
IC7252 PCA9516P BUS_REPEATER
IC1505 1/8 TCVT244AFT LEVEL CONV.
IC1504 6/8 TCVT244AFT LEVEL CONV.
P1001
IC1515 7WH126FU
IC1505 1/8 TCVT244AFT LEVEL CONV.
IC7251 PCA9516P BUS-REPEATER
IC1506 2/6 LVX125FT LEVEL CONV.
P1501(SH) TO_AUDIO
IC1507 TC7W66U
IC1512 TC7W53U
IC3708 7WH126FU
IC3709 T7WH123U
IC1505 1/4 TCVT244AFT LEVEL CONV.
IC1516 TC7W08FU
IC1805 BD4729G RESET
P1801 TO_POWER
P1802 TO_POWER
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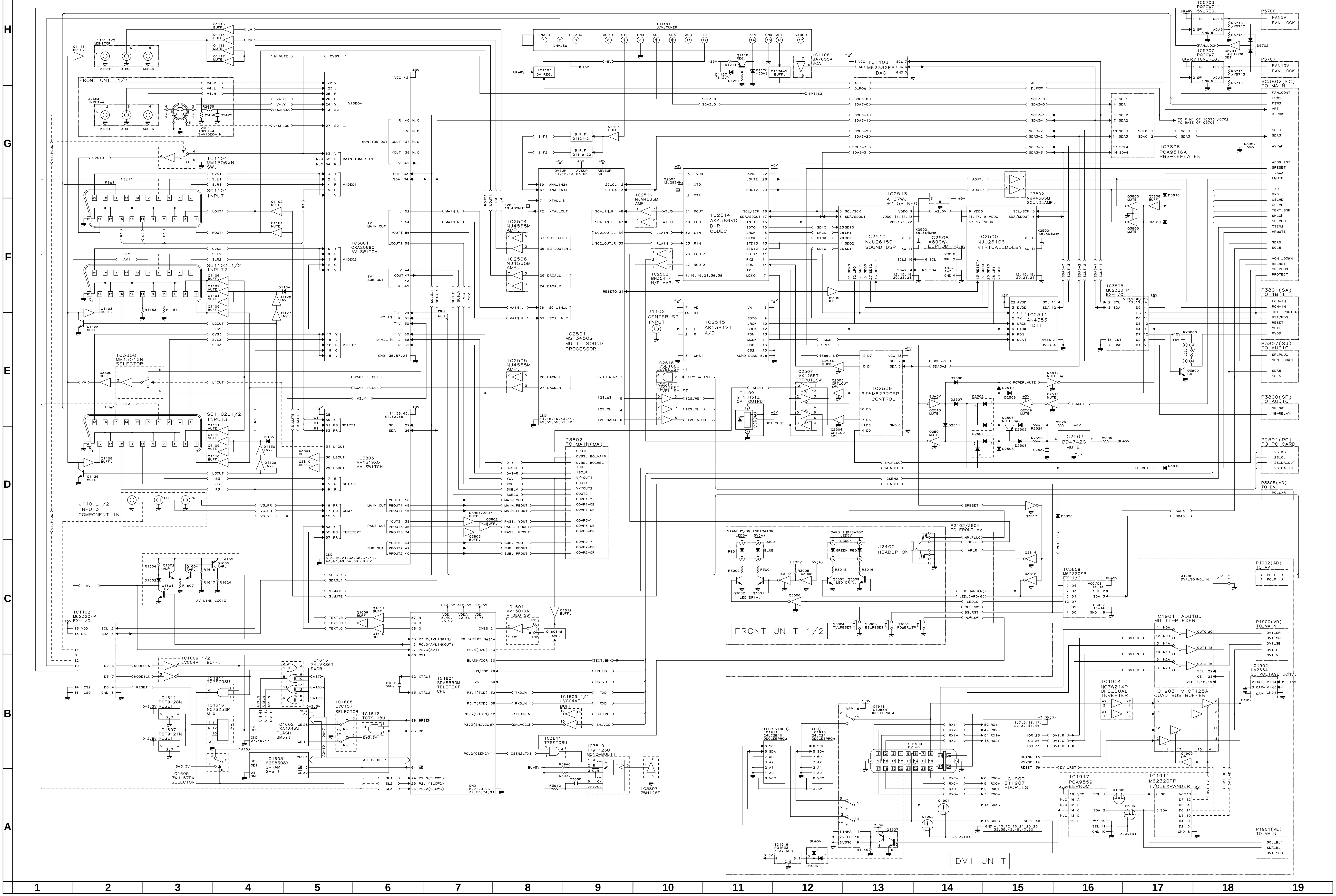
AV/DVI BLOCK DIAGRAM (TU-45GD1E)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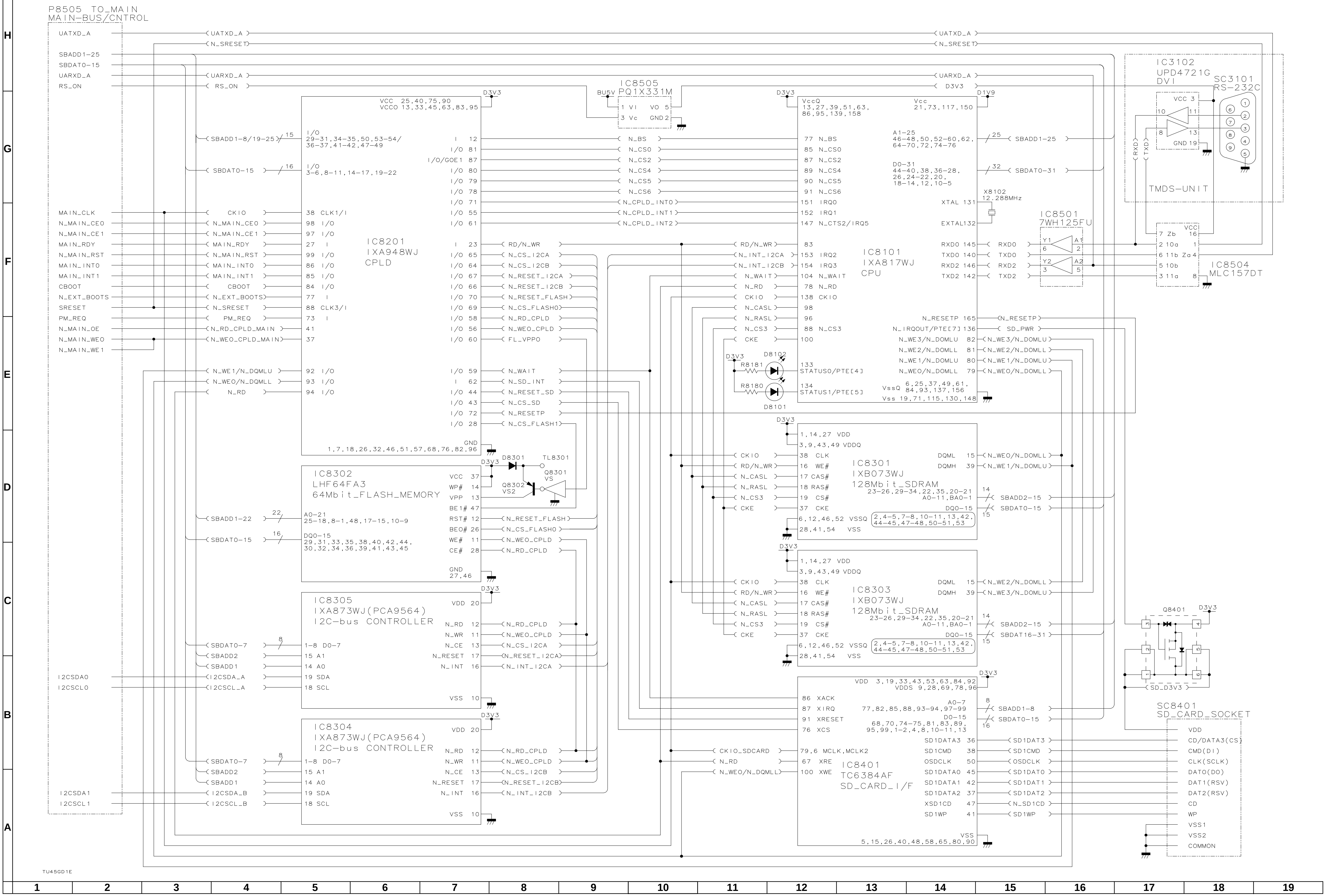
J1101_1/2 MONITOR
VIDEO
AUD-L
AUD-R
FRONT_UNIT_1/2
J2404 INPUT-4
J2401 INPUT-4 S-VIDEO-IN
IC1104 MM1506XN SW.
SC1101 INPUT1
SC1102_1/2 INPUT2
SC1102_1/2 INPUT3
IC3800 MM1501XN SELECTOR
J1101_1/2 INPUT3 COMPONENT IN
IC3801 CXA2069Q AV SWITCH
VIDEO4
VIDEO1
VIDEO2
VIDEO3
MAIN TUNER IN
MONITOR OUT
TV MAIN OUT
TV SUB OUT
PC IN
DTV2_IN
IC3805 MM1519XQ AV SWITCH
SCART1
SCART3
COMP
TERETEXT
MAIN OUT
PASS OUT
SUB OUT
AV LINK LOGIC
IC1102 M62320FP EX-I/O
IC1609 1/2 LVC04AT BUFF.
IC1614 TC7S08FU
IC1611 PST9128N RESET
IC1616 NC7SZ58P MIX
IC1607 PST9121N RESET
IC1605 7WH157FK SELECTOR
IC1602 IXA134WJ FLASH 8Mbit
IC1603 62S8308X S-RAM 2Mbit
IC1615 74LVX86T EXOR
IC1608 LVC157T SELECTOR
IC1612 TC7SH08U
IC1601 SDA5550M TELETEXT CPU
IC1604 MM1501XN VIDEO SW.
IC1609 1/2 LVC04AT BUFF
IC3811 TC7SET08U
IC3810 TC7WH123U MONO-MULTI
IC3807 7WH126FU
TU1101 U/V_TUNER
IC1103 5V REG.
IC1106 BA7655AF VCA
IC1108 M62332FP DAC
B.P.F Q1121-2
B.P.F Q1119-20
IC2501 MSP3450G MULTI-SOUND PROCESSOR
IC2504 NJ4565M AMP.
IC2506 NJ4565M AMP.
IC2505 NJ4565M AMP.
IC2516 NJM4565M AMP.
IC2502 BH3544F H/P AMP.
IC2514 AK4586VQ DIR CODEC
J1102 CENTER SP INPUT
IC2515 AK5381VT A/D
IC2518 TC7SET08U LEVEL_SHIFT
IC2517 LVX125FT LEVEL_SHIFT
IC1109 GP1FH5TZ OPT OUTPUT
P3802 TO MAIN(MA)
IC2513 A167WJ +2.5V_REG
IC2510 NJU26150 SOUND DSP
IC2508 A899WJ EEPROM
IC2500 NJU26106 VIRTUAL_DOLBY
IC3802 NJM4565M SOUND_AMP.
IC2507 LVX125FT OPTPUT_SW
IC2509 M62320FP CONTROL
IC2511 AK4353 DIT
IC2503 BD4742G MUTE
IC3808 M62320FP EX-I/O
IC5703 PQ20WZ11 5V_REG.
IC5707 PQ20WZ11 10V_REG.
P5706 FAN5V FAN_LOCK
P5707 FAN10V FAN_LOCK
SC3802(FC) TO MAIN
IC3806 PCA9516A RBS-REPEATER
P3801(SA) TO 1BIT
P3807(SJ) TO AUDIO
P3800(SF) TO AUDIO
P2501(PC) TO PC_CARD
P3805(AD) TO DVI
STANDBY/ON INDICATOR
CARD INDICATOR
LED DRIV.
J2402 HEAD_PHON
P2402/3804 TO FRONT-AV
FRONT UNIT 1/2
IC3809 M62320FP EX-I/O
P1902(AD) TO AV
J1900 DVI_SOUND_IN
IC1901 AD8185 MULTI-PLEXER
P1900(MD) TO MAIN
IC1902 LM2664 SC VOLTAGE CONV.
IC1904 NC7WZ14P UHS_DUAL INVERTER
IC1903 VHCT125A QUAD BUS_BUFFER
IC1911 24LC21BN DDC_EEPROM
IC1915 24LC21 DDC_EEPROM
IC1918 TC4053BT DDC_EEPROM
SC1900 DVI-D
IC1900 SII907 HDCP_LSI
IC1917 PCA9559 EEPROM
IC1914 M62320FP I/O_EXPANDER
IC1916 PQ1R33 3.3V_REG.
P1901(ME) TO MAIN
DVI UNIT

CPU BLOCK DIAGRAM (TU-45GD1E)


P8505 TO_MAIN
MAIN-BUS/CNTROL
UATXD_A
SBADD1-25
SBDAT0-15
UARXD_A
RS_ON
MAIN_CLK
N_MAIN_CE0
N_MAIN_CE1
MAIN_RDY
N_MAIN_RST
MAIN_INT0
MAIN_INT1
CBOOT
N_EXT_BOOTS
SRESET
PM_REQ
N_MAIN_OE
N_MAIN_WE0
N_MAIN_WE1
I2CSDA0
I2CSCL0
I2CSDA1
I2CSCL1
N_SRESET
IC8201
IXA948WJ
CPLD
VCC 25,40,75,90
VCCO 13,33,45,63,83,95
GND 1,7,18,26,32,46,51,57,68,76,82,96
IC8505
PQ1X331M
BU5V
D3V3
D1V9
IC8101
IXA817WJ
CPU
VccQ 13,27,39,51,63,86,95,139,158
Vcc 21,73,117,150
A1-25 46-48,50,52-60,62,64-70,72,74-76
D0-31 44-40,38,36-28,26,24-22,20,18-14,12,10-5
X8102
12.288MHz
XTAL 131
EXTAL132
N_BS
N_CS0
N_CS2
N_CS4
N_CS5
N_CS6
N_CPLD_INT0
N_CPLD_INT1
N_CPLD_INT2
RD/N_WR
N_INT_I2CA
N_INT_I2CB
N_WAIT
N_RD
CKIO
N_CASL
N_RASL
N_CS3
CKE
N_RESETP 165
N_IRQOUT/PTE[7] 136
SD_PWR
N_WE3/N_DQMLU
N_WE2/N_DQMLL
N_WE1/N_DQMLU
N_WE0/N_DQMLL
D8102
D8101
R8181
R8180
STATUS0/PTE[4]
STATUS1/PTE[5]
VssQ 6,25,37,49,61,84,93,137,156
Vss 19,71,115,130,148
IC3102
UPD4721G
DVI
SC3101
RS-232C
TMDS-UNIT
IC8501
7WH125FU
IC8504
MLC157DT
RXD0
TXD0
RXD2
TXD2
IC8302
LHF64FA3
64Mbit_FLASH_MEMORY
D8301
TL8301
Q8301
Q8302
N_RESET_FLASH
N_CS_FLASH0
N_CS_FLASH1
N_WE0_CPLD
N_RD_CPLD
FL_VPP0
N_SD_INT
N_RESET_SD
N_CS_SD
IC8301
IXB073WJ
128Mbit_SDRAM
IC8303
IXB073WJ
128Mbit_SDRAM
SBADD2-15
SBDAT0-15
SBDAT16-31
IC8305
IXA873WJ(PCA9564)
I2C-bus CONTROLLER
IC8304
IXA873WJ(PCA9564)
I2C-bus CONTROLLER
N_CS_I2CA
N_CS_I2CB
N_RESET_I2CA
N_RESET_I2CB
I2CSDA_A
I2CSCL_A
I2CSDA_B
I2CSCL_B
IC8401
TC6384AF
SD_CARD_I/F
CKIO_SDCARD
N_WE0/N_DQMLL
SD1DAT3
SD1CMD
OSDCLK
SD1DAT0
SD1DAT1
SD1DAT2
N_SD1CD
SD1WP
Q8401
SD_D3V3
SC8401
SD_CARD_SOCKET
VDD
CD/DATA3(CS)
CMD(DI)
CLK(SCLK)
DAT0(DO)
DAT1(RSV)
DAT2(RSV)
CD
WP
VSS1
VSS2
COMMON
TU45GD1E
H
G
F
E
D
C
B
A
1
2
3
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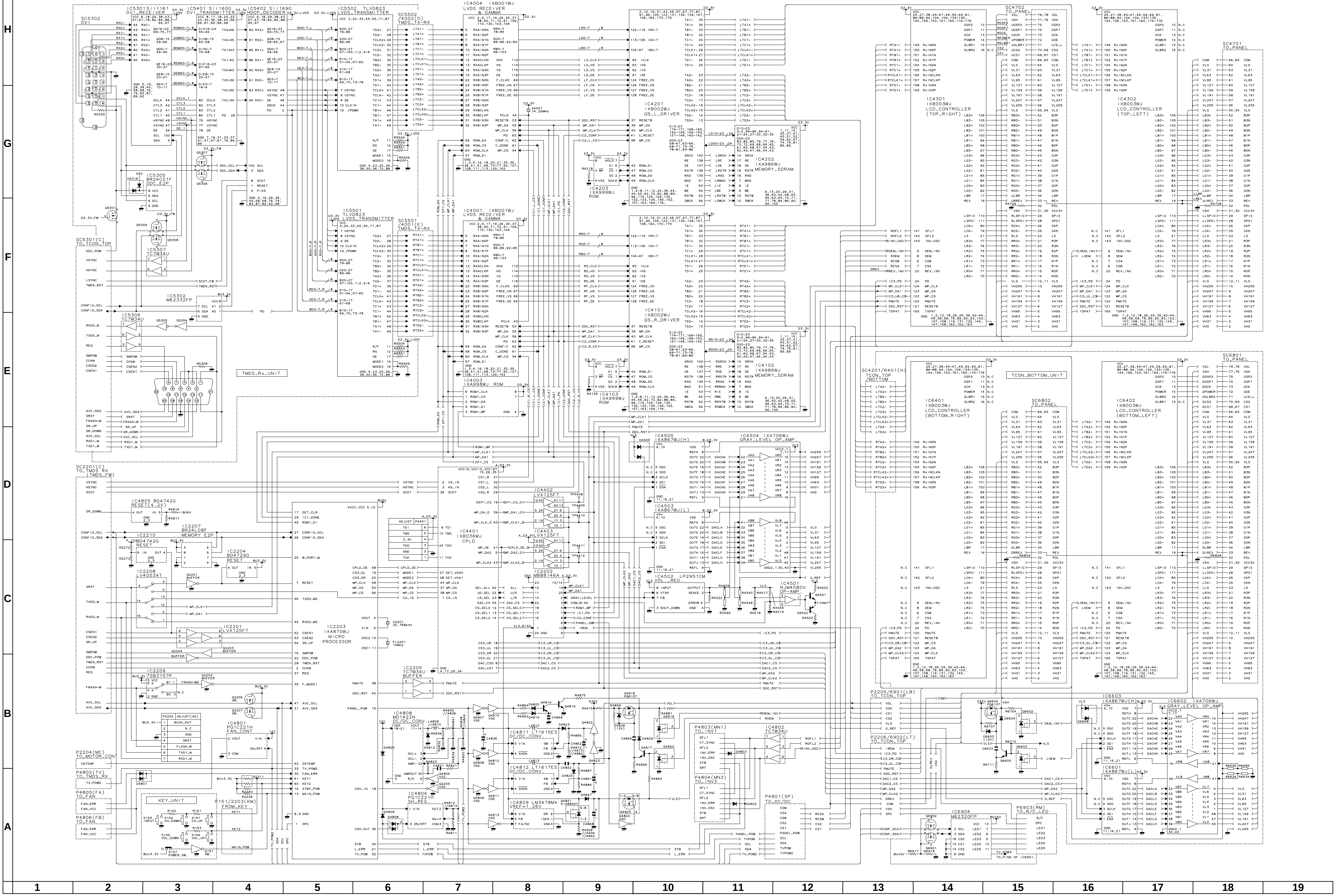
19

DISPLAY BLOCK DIAGRAM (LC-45GD1E)


SC5302 DVI
IC5301 Sil1161 DVI_RECEIVER
IC5401 Sil1600 DVI_TRANSMITTER
IC5402 Sil169G HDCP_DECODER
IC5502 TLVD823 LVDS_TRANSMITTER
SC5502 /4002(O) TMDS_TX-RX
IC4004 IXB001WJ LVDS RECEIVER & GAMMA
IC4201 IXB002WJ QS_L_DRIVER
IC4202 IXA986WJ MEMORY_SDRAM
IC4203 IXA999WJ ROM
IC5305 BR24C01F DDC_E2P
IC5307 TC7W34U
IC5501 TLVD823 LVDS_TRANSMITTER
SC5501 /4001(E) TMDS_TX-RX
IC4001 IXB001WJ LVDS RECEIVER & GAMMA
IC4101 IXB002WJ QS_R_DRIVER
IC4102 IXA986WJ MEMORY_SDRAM
IC4103 IXA999WJ ROM
IC4003 IXA998WJ _ROM
SC5301(C) TO_TCON_TOP
IC5302 M62332FP
IC5306 TC7W34U
TMDS_Rx_UNIT
SC4702 TO_PANEL
IC4301 IXB003WJ LCD_CONTROLLER (TOP_RIGHT)
IC4302 IXB003WJ LCD_CONTROLLER (TOP_LEFT)
SC4701 TO_PANEL
SC4201/6401(H) TCON_TOP /BOTTOM
IC6401 IXB003WJ LCD_CONTROLLER (BOTTOM_RIGHT)
SC6802 TO_PANEL
TCON_BOTTOM_UNIT
IC6402 IXB003WJ LCD_CONTROLLER (BOTTOM_LEFT)
SC6801 TO_PANEL
SC2201(C) TO_TMDS RX (TMDS_FW)
IC4805 BD4742G RESET(4.2V)
IC2207 BR24L08F MEMORY E2P
IC2210 BD4742G RESET
IC2204 BD4729G RESET
IC2208 LV4053AT
IC2201 LVX125FT
IC2203 IXA870WJ MICRO PROCESSOR
IC2209 7SB3157P
IC4401 IXB036WJ CPLD
IC4402 LVX125FT
IC4403 LVX125FT
IC2202 MB88146A
IC2205 TC7W34U BUFFER
IC4505 IXA867WJ(H)
IC4504 IXA706WJ GRAY_LEVEL_OP_AMP
IC4503 IXA867WJ(L)
IC4502 LP2951CM VOL_REG.
IC4501 NJM4580V OP-AMP
P2202 ADJUST(AD)
IC4801 PQ1CZ21H FAN_CONT
P2204(MC) TO_MOTOR_CONT
P4802(TV) TO_TMDS_RX
P4805(FA) TO_FAN
P4806(FB) TO_FAN
KEY_UNIT
P151/2203(KM) FROM_KEY
IC4808 MC1422N DC/DC_CONV.
IC4804 PQ1CZ21H SH_REG.
IC4811 LT1615ES DC/DC_CONV.
IC4812 LT1617ES DC/DC_CONV.
IC4809 LM3478MX VREF=1.26V
P4803(MN1) TO_INV1
P4804(MN3) TO_INV3
IC4802 TC7W34U
P4801(SP) TO_DC/DC
P2205/6901(LB) TO_TCON_TOP
P2206/6902(LT) TO_TCON_TOP
IC6904 M62320FP
P6903(RM) TO_R/C_LED
IC6603 IXA867WJ(H)
IC6602 IXA706WJ GRAY_LEVEL_OP_AMP
IC6601 IXA867WJ(L)
H
G
F
E
D
C
B
A
1
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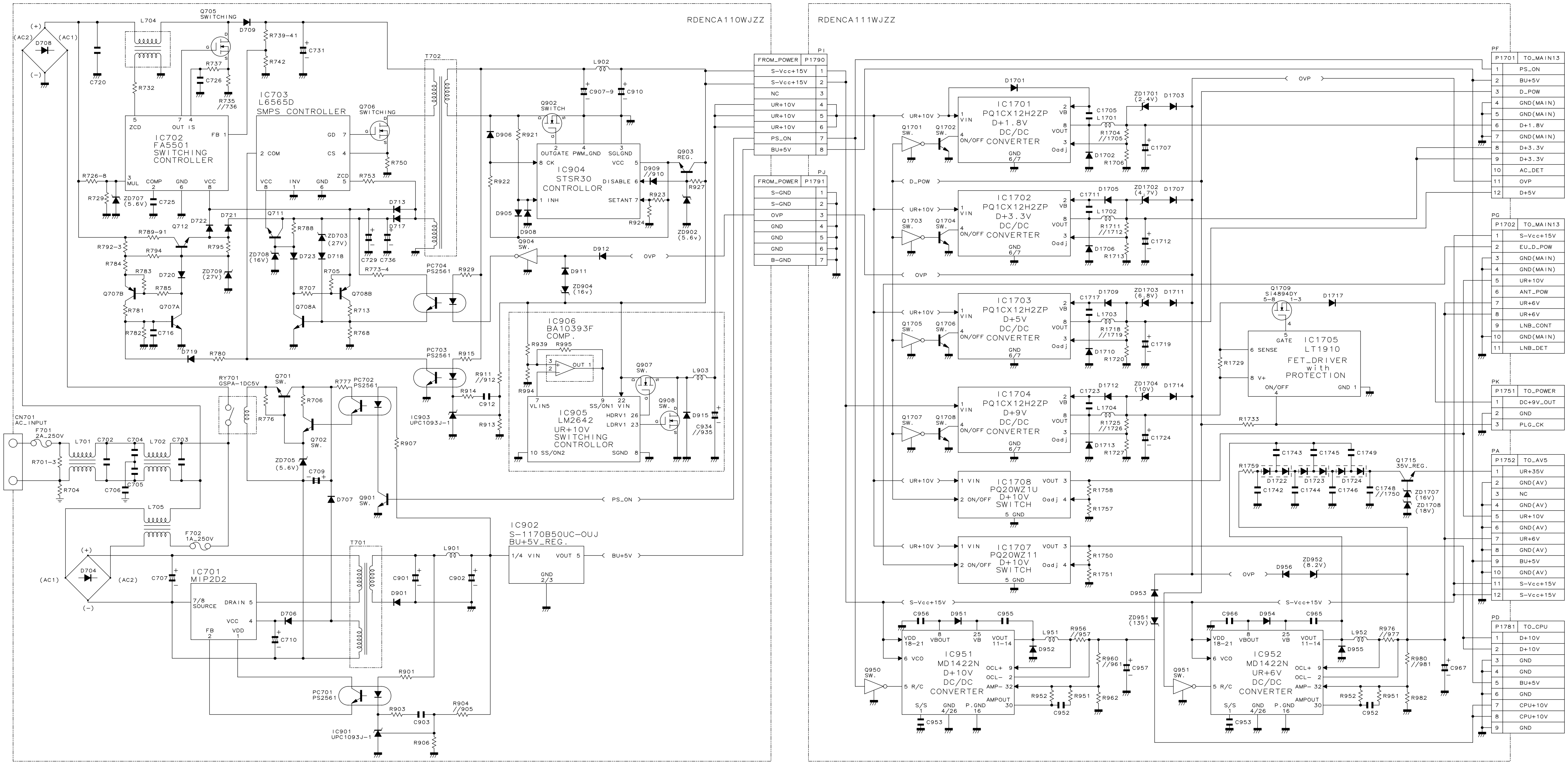
POWER BLOCK DIAGRAM (TU-45GD1E)


RDENCA110WJZZ
RDENCA111WJZZ
D708
(AC2)
(AC1)
(+)
(-)
L704
C720
Q705 SWITCHING
D709
R739-41
C731
R742
R737
C726
R732
R735 //736
IC703 L6565D SMPS CONTROLLER
IC702 FA5501 SWITCHING CONTROLLER
ZCD
OUT IS
FB
MUL
COMP
GND
VCC
COM
GD
CS
INV
Q706 SWITCHING
R750
R753
T702
R726-8
R729
ZD707 (5.6V)
C725
D713
D717
D721
Q711
R788
ZD703 (27V)
D722
Q712
R789-91
R795
R792-3
R794
R784
R783
D720
ZD709 (27V)
ZD708 (16V)
D723
D718
C729 C736
R773-4
R705
R707
Q708B
Q708A
R713
R768
Q707B
R785
R781
Q707A
R782
C716
D719
R780
L902
C907-9
C910
Q902 SWITCH
D906
R921
R922
IC904 STSR30 CONTROLLOR
OUTGATE PWM_GND SGLGND
CK
VCC
DISABLE
INH
SETANT
D909 //910
Q903 REG.
R927
R923
R924
ZD902 (5.6V)
D905
D908
Q904 SW.
D912
OVP
D911
ZD904 (16V)
PC704 PS2561
R929
PC703 PS2561
R915
R911 //912
R914
C912
R913
IC903 UPC1093J-1
IC906 BA10393F COMP.
R939
R995
R994
OUT
Q907 SW.
L903
Q908 SW.
D915
C934 //935
IC905 LM2642 UR+10V SWITCHING CONTROLLOR
VLIN5
SS/ON1 VIN
HDRV1
LDRV1
SS/ON2
SGND
RY701 GSPA-1DC5V
Q701 SW.
R777
PC702 PS2561
R706
R776
Q702 SW.
ZD705 (5.6V)
C709
R907
CN701 AC_INPUT
F701 2A_250V
L701
C702
C704
L702
C703
R701-3
C705
C706
R704
L705
F702 1A_250V
D707
Q901 SW.
PS_ON
IC902 S-1170B50UC-OUJ BU+5V_REG.
VIN
VOUT
GND
BU+5V
D704
C707
IC701 MIP2D2
SOURCE
DRAIN
VCC
FB
VDD
D706
C710
T701
C901
D901
L901
C902
R901
PC701 PS2561
R903
C903
R904 //905
IC901 UPC1093J-1
R906
FROM_POWER P1790
PI
S-Vcc+15V 1
S-Vcc+15V 2
NC 3
UR+10V 4
UR+10V 5
UR+10V 6
PS_ON 7
BU+5V 8
PJ
FROM_POWER P1791
S-GND 1
S-GND 2
OVP 3
GND 4
GND 5
GND 6
B-GND 7
D1701
IC1701 PQ1CX12H2ZP D+1.8V DC/DC CONVERTER
Q1701 SW.
Q1702 SW.
VIN
ON/OFF
VB
VOUT
Oadj
C1705
L1701
R1704 //1705
R1706
D1702
C1707
ZD1701 (2.4V)
D1703
UR+10V
D_POW
IC1702 PQ1CX12H2ZP D+3.3V DC/DC CONVERTER
Q1703 SW.
Q1704 SW.
C1711
D1705
L1702
R1711 //1712
D1706
R1713
C1712
ZD1702 (4.7V)
D1707
IC1703 PQ1CX12H2ZP D+5V DC/DC CONVERTER
Q1705 SW.
Q1706 SW.
C1717
D1709
L1703
R1718 //1719
D1710
R1720
C1719
ZD1703 (6.8V)
D1711
IC1704 PQ1CX12H2ZP D+9V DC/DC CONVERTER
Q1707 SW.
Q1708 SW.
C1723
D1712
L1704
R1725 //1726
D1713
R1727
C1724
ZD1704 (10V)
D1714
Q1709 Si4894DY
D1717
IC1705 LT1910 FET_DRIVER with PROTECTION
GATE
SENSE
V+
ON/OFF
R1729
R1733
IC1708 PQ20WZ1U D+10V SWITCH
IC1707 PQ20WZ11 D+10V SWITCH
R1758
R1757
R1750
R1751
R1759
C1743
C1745
C1749
D1722
D1723
D1724
C1742
C1744
C1746
C1748 //1750
Q1715 35V_REG.
ZD1707 (16V)
ZD1708 (18V)
D956
ZD952 (8.2V)
D953
ZD951 (13V)
S-Vcc+15V
C956
D951
C955
IC951 MD1422N D+10V DC/DC CONVERTER
VDD
VBOUT
VB
VOUT
VCO
R/C
S/S
P.GND
OCL+
OCL-
AMP-
AMPOUT
Q950 SW.
L951
R956 //957
D952
R960 //961
C957
R952
R951
R962
C952
C953
C966
D954
C965
IC952 MD1422N UR+6V DC/DC CONVERTER
Q951 SW.
L952
R976 //977
D955
R980 //981
C967
R982
PF
P1701 TO_MAIN13
1 PS_ON
2 BU+5V
3 D_POW
4 GND(MAIN)
5 GND(MAIN)
6 D+1.8V
7 GND(MAIN)
8 D+3.3V
9 D+3.3V
10 AC_DET
11 OVP
12 D+5V
PG
P1702 TO_MAIN13
1 S-Vcc+15V
2 EU_D_POW
3 GND(MAIN)
4 GND(MAIN)
5 UR+10V
6 ANT_POW
7 UR+6V
8 UR+6V
9 LNB_CONT
10 GND(MAIN)
11 LNB_DET
PK
P1751 TO_POWER
1 DC+9V_OUT
2 GND
3 PLG_CK
PA
P1752 TO_AV5
1 UR+35V
2 GND(AV)
3 NC
4 GND(AV)
5 UR+10V
6 GND(AV)
7 UR+6V
8 GND(AV)
9 BU+5V
10 GND(AV)
11 S-Vcc+15V
12 S-Vcc+15V
PD
P1781 TO_CPU
1 D+10V
2 D+10V
3 GND
4 GND
5 BU+5V
6 GND
7 CPU+10V
8 CPU+10V
9 GND
H
G
F
E
D
C
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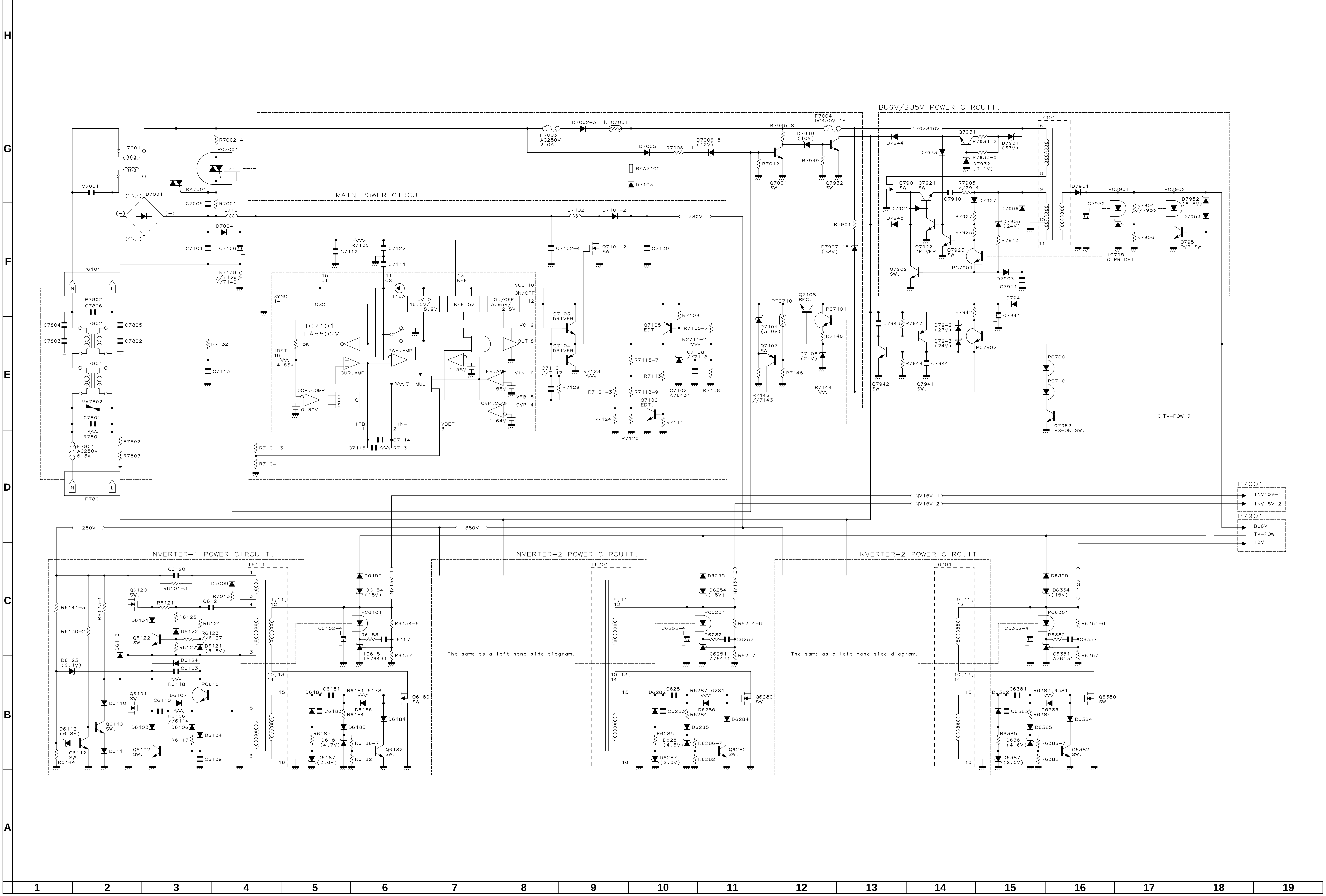
POWER BLOCK DIAGRAM (LC-45GD1E)


H
G
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E
D
C
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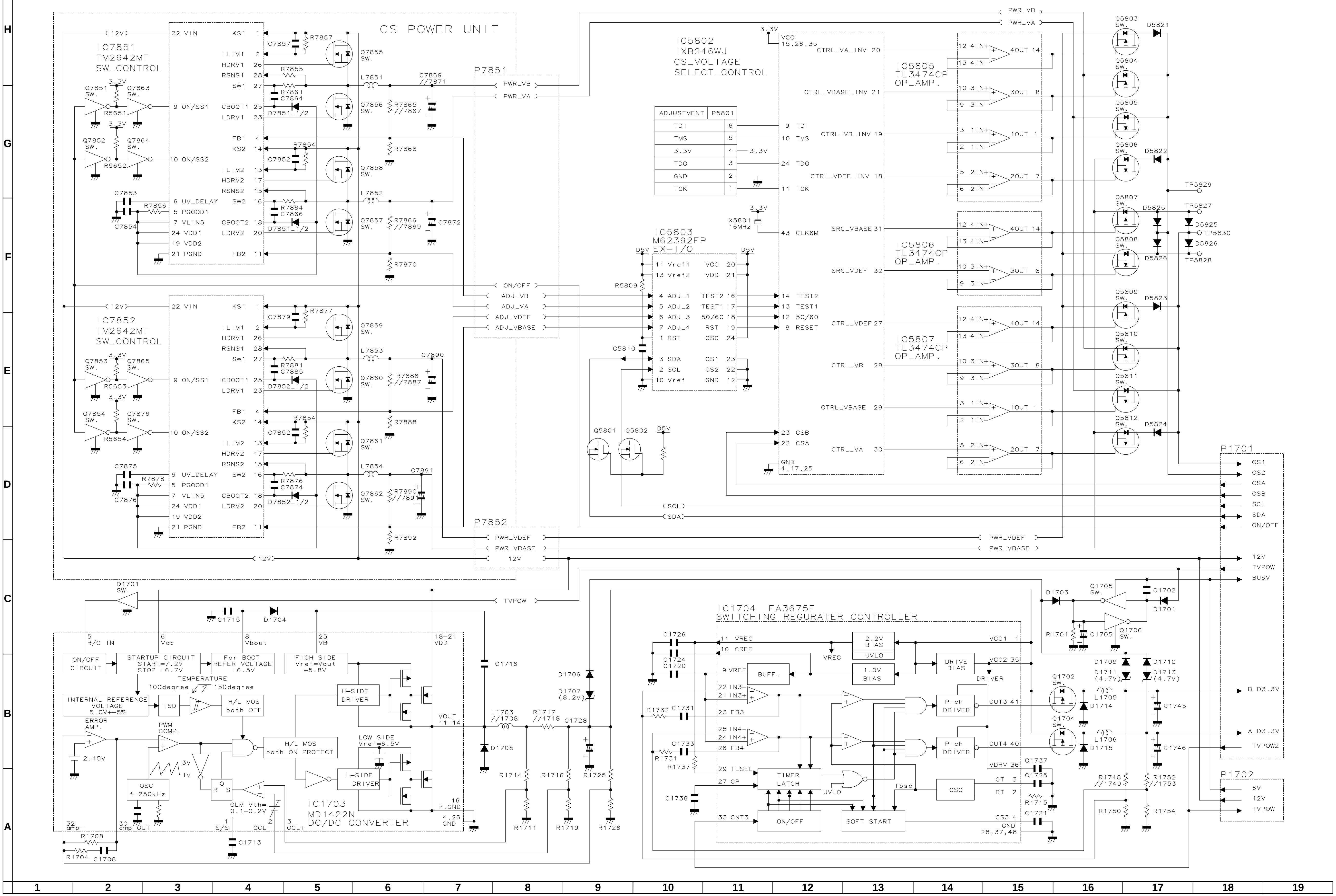
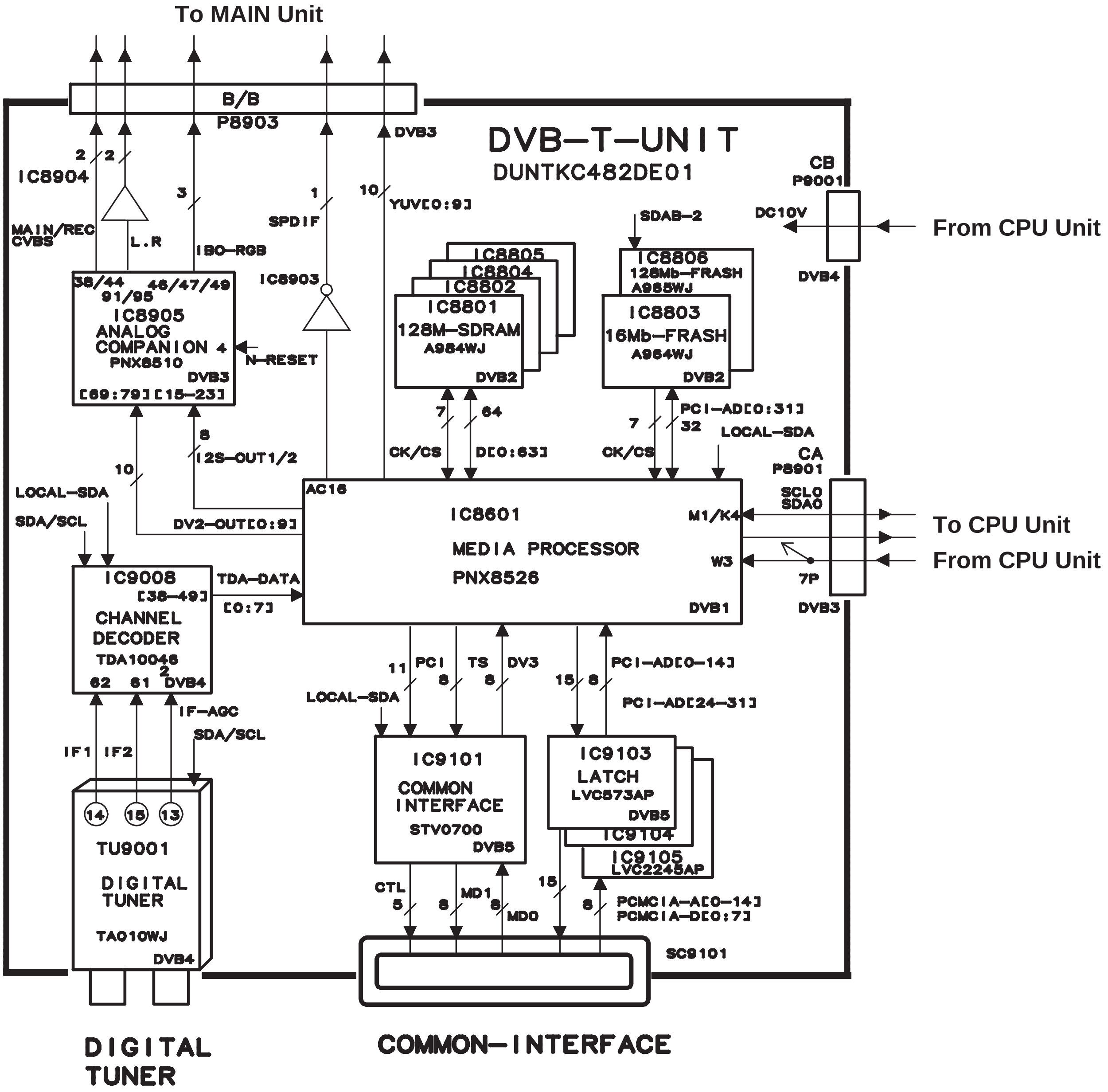
17
18
19
MAIN POWER CIRCUIT.
BU6V/BU5V POWER CIRCUIT.
INVERTER-1 POWER CIRCUIT.
INVERTER-2 POWER CIRCUIT.
INVERTER-2 POWER CIRCUIT.
The same as a left-hand side diagram.
The same as a left-hand side diagram.
IC7101
FA5502M
OSC
UVLO 16.5V/ 8.9V
REF 5V
ON/OFF 3.95V/ 2.8V
PWM.AMP
CUR.AMP
MUL
ER.AMP
OVP.COMP
OCP.COMP
SYNC 14
15 CT
11 CS
13 REF
VCC 10
ON/OFF 12
VC 9
OUT 8
VIN- 6
VFB 5
OVP 4
IDET 16
IFB 1
IIN- 2
VDET 3
11uA
1.55V
1.64V
0.39V
15K
4.85K
P6101
P7801
P7802
L7001
D7001
TRA7001
PC7001
L7101
L7102
F7003 AC250V 2.0A
F7004 DC450V 1A
F7801 AC250V 6.3A
NTC7001
BEA7102
T7801
T7802
T7901
T6101
T6201
T6301
VA7802
Q7101-2 SW.
Q7103 DRIVER
Q7104 DRIVER
Q7105 EDT.
Q7106 EDT.
Q7107 SW.
Q7108 REG.
IC7102 TA76431
PTC7101
Q7001 SW.
Q7932 SW.
Q7931
Q7901 SW.
Q7921 SW.
Q7922 DRIVER
Q7923 SW.
Q7902 SW.
PC7901
PC7902
IC7951 CURR.DET.
Q7951 OVP_SW.
Q7942 SW.
Q7941 SW.
Q7962 PS-ON_SW.
PC7101
380V
280V
(170/310V)
TV-POW
(INV15V-1)
(INV15V-2)
12V
P7001
INV15V-1
INV15V-2
P7901
BU6V
TV-POW
12V
PC6101
PC6201
PC6301
IC6151 TA76431
IC6251 TA76431
IC6351 TA76431
Q6120 SW.
Q6122 SW.
Q6101 SW.
Q6102 SW.
Q6110 SW.
Q6112 SW.
Q6180 SW.
Q6182 SW.
Q6280 SW.
Q6282 SW.
Q6380 SW.
Q6382 SW.
D6154 (18V)
D6254 (18V)
D6354 (15V)
D6121 (6.8V)
D6123 (9.1V)
D6112 (6.8V)
D6181 (4.7V)
D6187 (2.6V)
D6281 (4.6V)
D6287 (2.6V)
D6381 (4.6V)
D6387 (2.6V)
D7919 (10V)
D7006-8 (12V)
D7931 (33V)
D7932 (9.1V)
D7905 (24V)
D7907-18 (38V)
D7952 (6.8V)
D7104 (3.0V)
D7106 (24V)
D7942 (27V)
D7943 (24V)

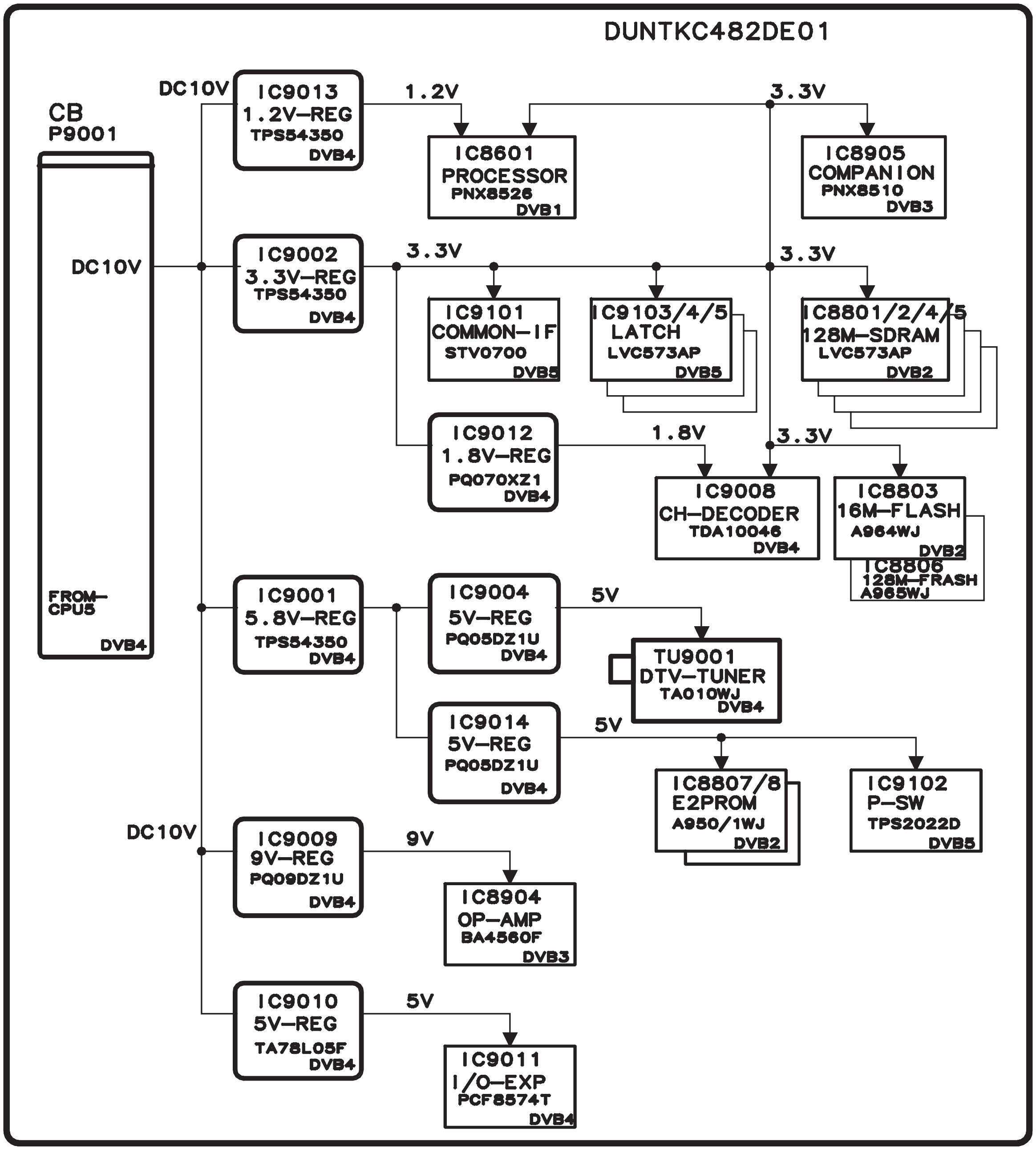
DC/DC POWER BLOCK DIAGRAM (LC-45GD1E)


CS POWER UNIT
IC7851
TM2642MT
SW_CONTROL
IC7852
TM2642MT
SW_CONTROL
P7851
P7852
PWR_VB
PWR_VA
ON/OFF
ADJ_VB
ADJ_VA
ADJ_VDEF
ADJ_VBASE
PWR_VDEF
PWR_VBASE
12V
IC5802
IXB246WJ
CS_VOLTAGE
SELECT_CONTROL
ADJUSTMENT
P5801
TDI
TMS
3.3V
TDO
GND
TCK
X5801
16MHz
IC5803
M62392FP
EX-I/O
IC5805
TL3474CP
OP_AMP.
IC5806
TL3474CP
OP_AMP.
IC5807
TL3474CP
OP_AMP.
Q5801
Q5802
D5V
P1701
CS1
CS2
CSA
CSB
SCL
SDA
ON/OFF
12V
TVPOW
BU6V
TVPOW
Q1701
SW.
IC1703
MD1422N
DC/DC CONVERTER
ON/OFF CIRCUIT
STARTUP CIRCUIT START=7.2V STOP =6.7V
For BOOT REFER VOLTAGE =6.5V
FIGH SIDE Vref=Vout +5.8V
INTERNAL REFERENCE VOLTAGE 5.0V+-5%
TSD
H/L MOS both OFF
TEMPERATURE 100degree 150degree
H-SIDE DRIVER
L-SIDE DRIVER
H/L MOS both ON PROTECT
LOW SIDE Vref=6.5V
ERROR AMP.
PWM COMP.
OSC f=250kHz
CLM Vth= 0.1-0.2V
2.45V
IC1704 FA3675F
SWITCHING REGURATER CONTROLLER
2.2V BIAS
UVLO
1.0V BIAS
BUFF.
DRIVE BIAS
P-ch DRIVER
P-ch DRIVER
TIMER LATCH
OSC
ON/OFF
SOFT START
B_D3.3V
A_D3.3V
TVPOW2
P1702
6V
12V
TVPOW

DVB-T (IBO) BLOCK DIAGRAM (TU-45GD1E)

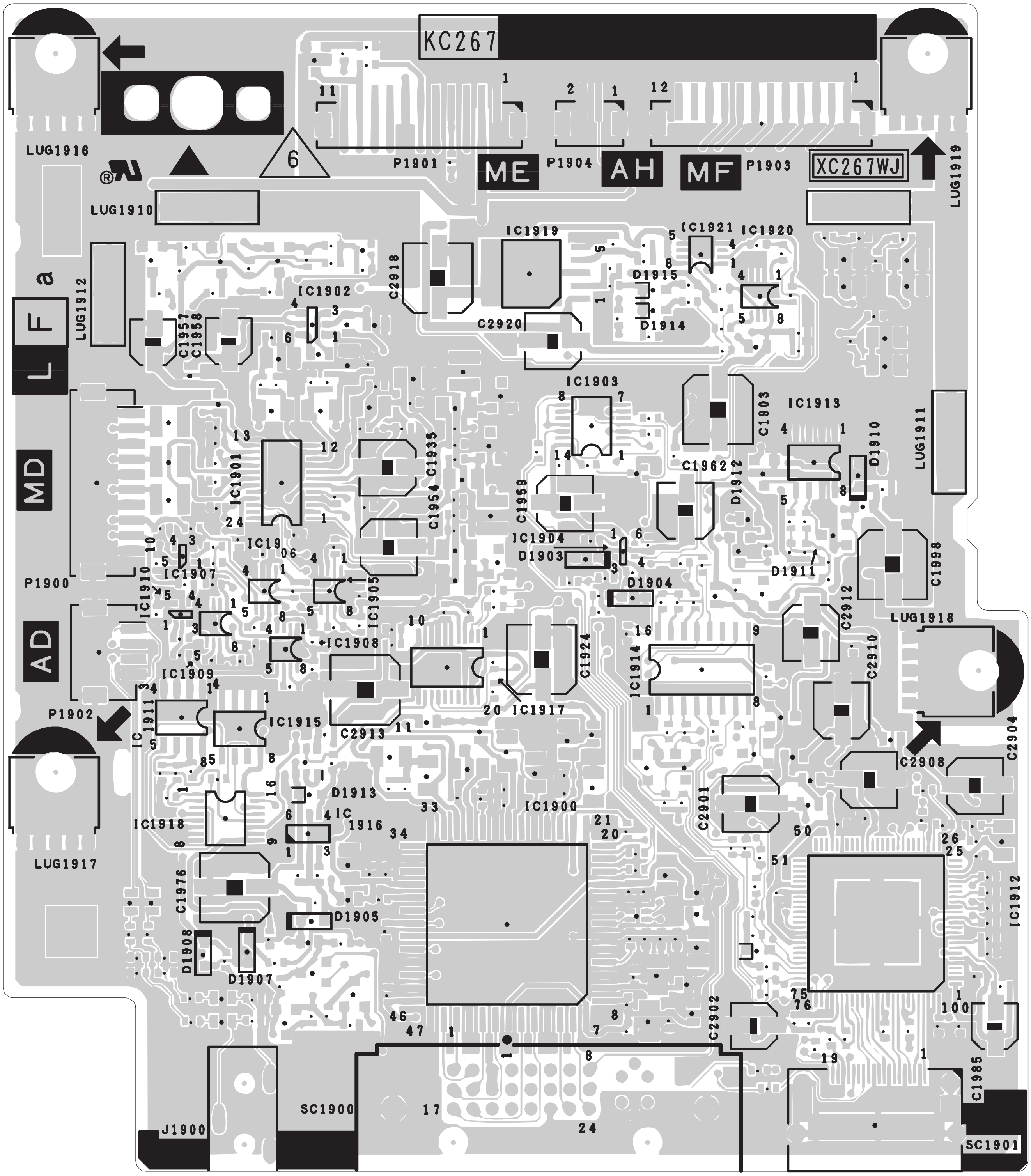

To MAIN Unit
B/B
P8903
DVB3
DVB-T-UNIT
DUNTKC482DE01
CB
P9001
DC10V
DVB4
From CPU Unit
IC8904
2
2
MAIN/REC
CVBS
L.R
3
IBO-RGB
1
SPDIF
10
YUV[0:9]
IC8903
SDAB-2
IC8805
IC8804
IC8802
IC8801
128M-SDRAM
A984WJ
DVB2
IC8806
128Mb-FRASH
A965WJ
IC8803
16Mb-FRASH
A964WJ
DVB2
38/44
91/95
46/47/49
IC8905
ANALOG
COMPANION
PNX8510
DVB3
4
N-RESET
[69:79] [15-23]
7
64
CK/CS
D[0:63]
7
32
PCI-AD[0:31]
LOCAL-SDA
CK/CS
CA
P8901
SCL0
SDA0
8
I2S-OUT1/2
10
LOCAL-SDA
SDA/SCL
DV2-OUT[0:9]
AC16
IC8601
MEDIA PROCESSOR
PNX8526
M1/K4
W3
DVB1
7P
DVB3
To CPU Unit
From CPU Unit
IC9008
[38-49]
CHANNEL
DECODER
TDA10046
2
62
61
DVB4
TDA-DATA
[0:7]
11
PCI
8
TS
8
DV3
15
8
PCI-AD[0-14]
PCI-AD[24-31]
LOCAL-SDA
IF-AGC
SDA/SCL
IF1
IF2
IC9101
COMMON
INTERFACE
STV0700
DVB5
IC9103
LATCH
LVC573AP
DVB5
IC9104
IC9105
LVC2245AP
14
15
13
TU9001
DIGITAL
TUNER
TA010WJ
DVB4
CTL
5
8
MD1
8
MD0
15
8
PCMCIA-A[0-14]
PCMCIA-D[0:7]
SC9101
DIGITAL
TUNER
COMMON-INTERFACE

DVB—T—UNIT


DUNTKC482DE01
CB
P9001
DC10V
FROM—
CPU5
DVB4
DC10V
IC9013
1.2V—REG
TPS54350
DVB4
1.2V
3.3V
IC8601
PROCESSOR
PNX8526
DVB1
IC8905
COMPANION
PNX8510
DVB3
IC9002
3.3V—REG
TPS54350
DVB4
3.3V
3.3V
IC9101
COMMON—IF
STV0700
DVB5
IC9103/4/5
LATCH
LVC573AP
DVB5
IC8801/2/4/5
128M—SDRAM
LVC573AP
DVB2
IC9012
1.8V—REG
PQ070XZ1
DVB4
1.8V
3.3V
IC9008
CH—DECODER
TDA10046
DVB4
IC8803
16M—FLASH
A964WJ
DVB2
IC8806
128M—FRASH
A965WJ
IC9001
5.8V—REG
TPS54350
DVB4
IC9004
5V—REG
PQ05DZ1U
DVB4
5V
TU9001
DTV—TUNER
TA010WJ
DVB4
IC9014
5V—REG
PQ05DZ1U
DVB4
5V
IC8807/8
E2PROM
A950/1WJ
DVB2
IC9102
P—SW
TPS2022D
DVB5
DC10V
IC9009
9V—REG
PQ09DZ1U
DVB4
9V
IC8904
OP—AMP
BA4560F
DVB3
IC9010
5V—REG
TA78L05F
DVB4
5V
IC9011
I/O—EXP
PCF8574T
DVB4

PRINTED WIRING BOARD ASSEMBLIES (TU-45GD1E)

■ DVI Unit

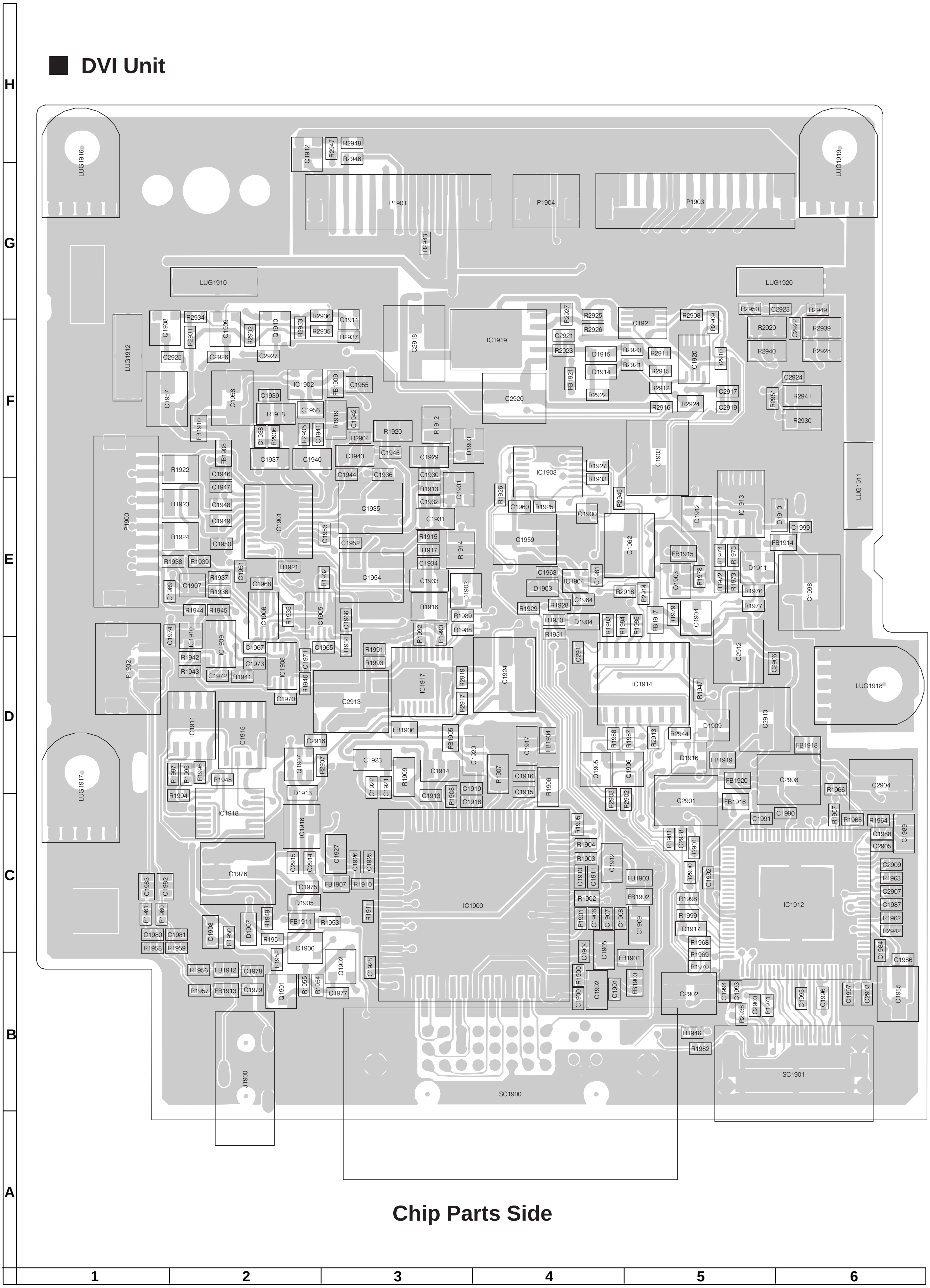

KC267
11
1
2
1
12
1
P1901
ME
P1904
AH
MF
P1903
XC267WJ
LUG1919
LUG1916
6
LUG1910
IC1919
IC1921
IC1920
D1915
D1914
C2918
C2920
IC1902
C1957
C1958
LUG1912
a
F
L
MD
AD
P1900
P1902
IC1903
C1903
IC1913
D1910
LUG1911
C1962
D1912
IC1901
C1935
C1954
C1959
IC1904
D1903
D1904
D1911
C1998
C2912
LUG1918
IC1906
IC1907
IC1910
IC1905
IC1908
IC1909
IC1911
IC1915
C2913
IC1917
C1924
IC1914
C2910
C2904
C2908
C2901
IC1918
D1913
IC1916
IC1900
C1976
D1905
D1908
D1907
LUG1917
IC1912
C2902
C1985
SC1900
SC1901
J1900
17
24
19
46
47
50
51
75
76
100
26
25
33
34
21
20

Component Side

H
G
F
E
D
C
B
A

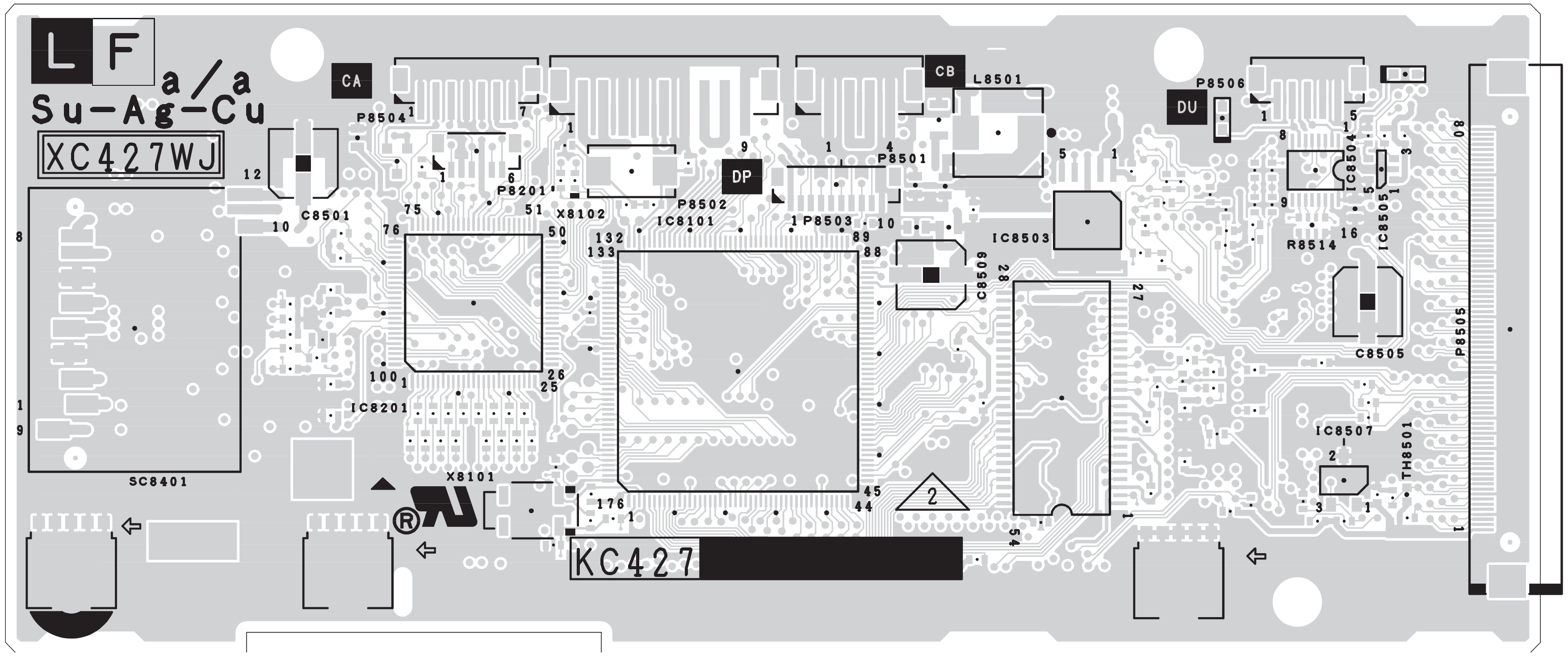
1 2 3 4 5 6

DVI Unit

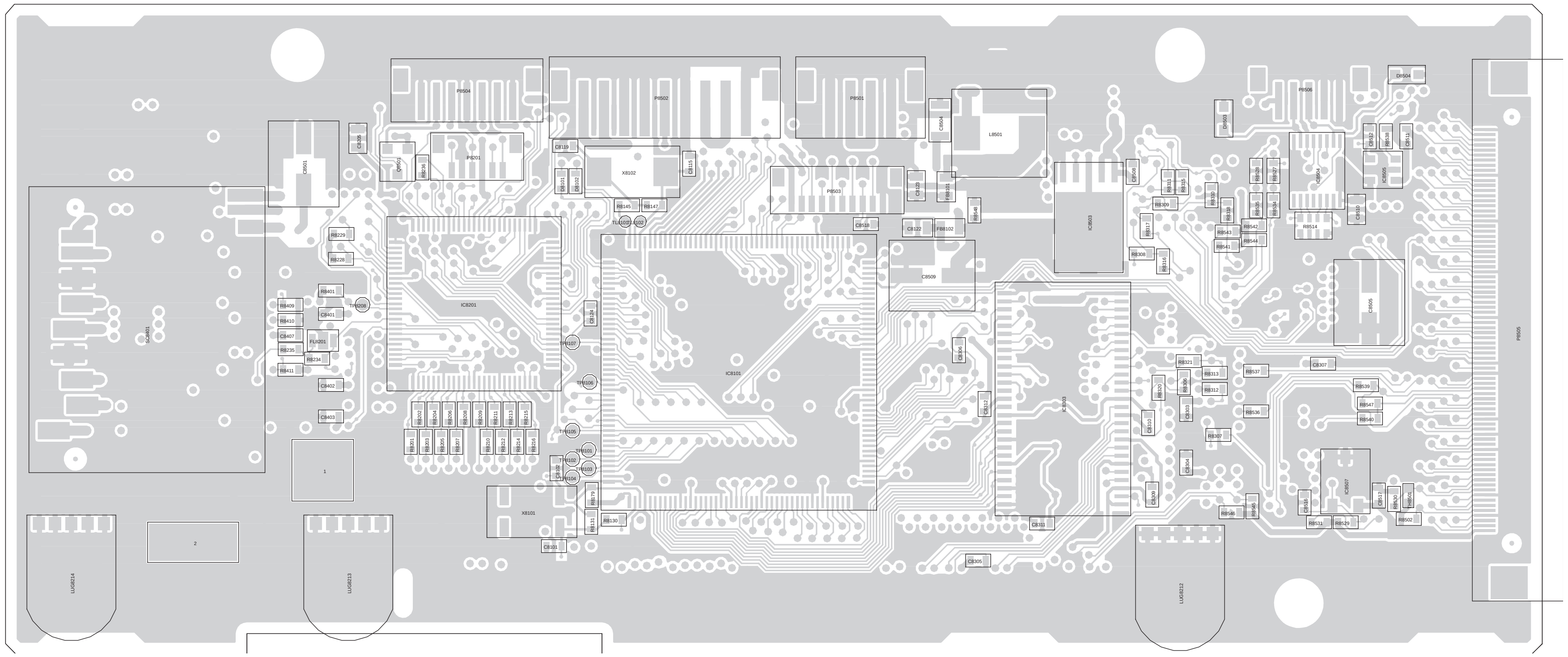

H
G
F
E
D
C
B
A
1
2
3
4
5
6
P1901
P1904
P1903
P1900
P1902
IC1900
IC1912
IC1914
IC1917
IC1919
IC1901
SC1900
SC1901
J1900
LUG1910
LUG1920
LUG1916
LUG1919
LUG1917
LUG1918
LUG1911
LUG1912

Chip Parts Side

■ CPU Unit


L F
a/a
Su-Ag-Cu
XC427WJ
CA
P8504
C8501
P8201
X8102
IC8101
P8502
DP
P8503
P8501
CB
L8501
IC8503
DU
P8506
R8514
IC8504
IC8505
C8505
P8505
IC8507
TH8501
IC8201
X8101
C8509
SC8401
KC427

Side-A

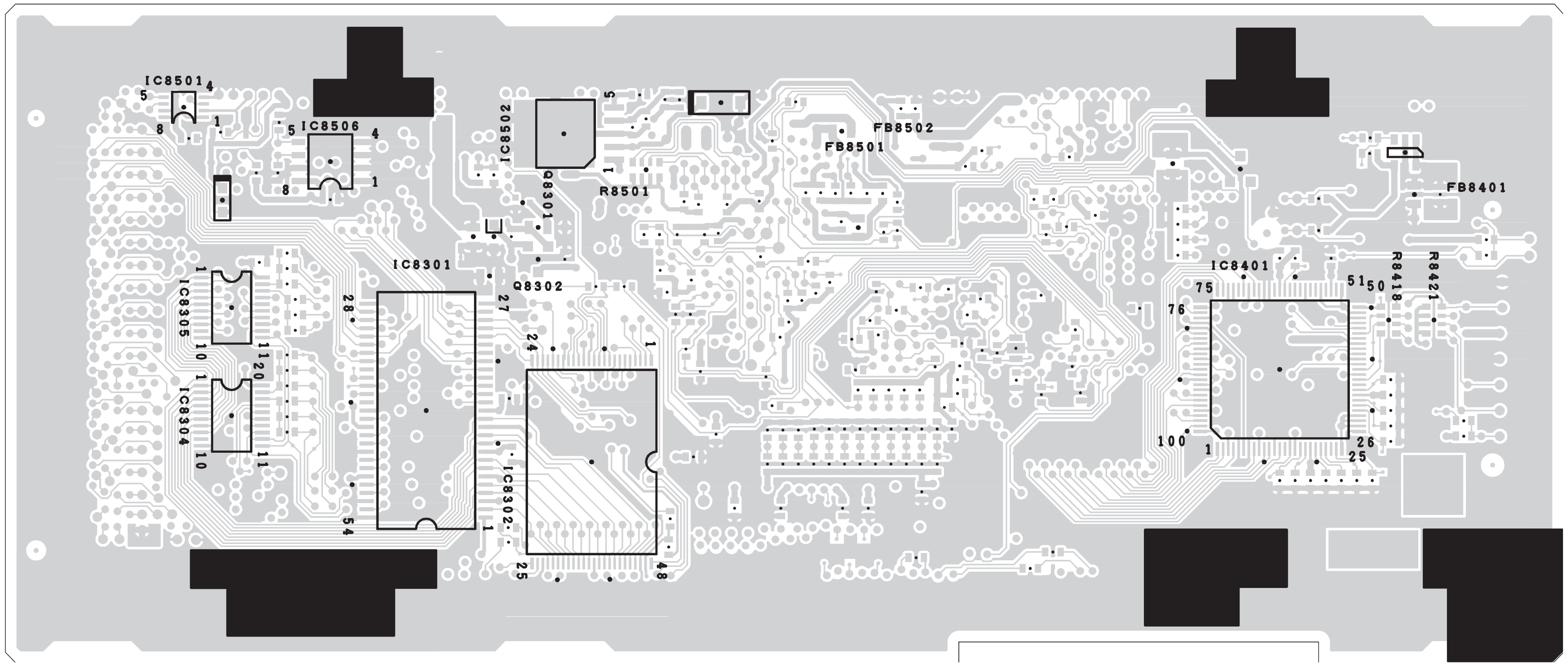


Chip Parts Side-A

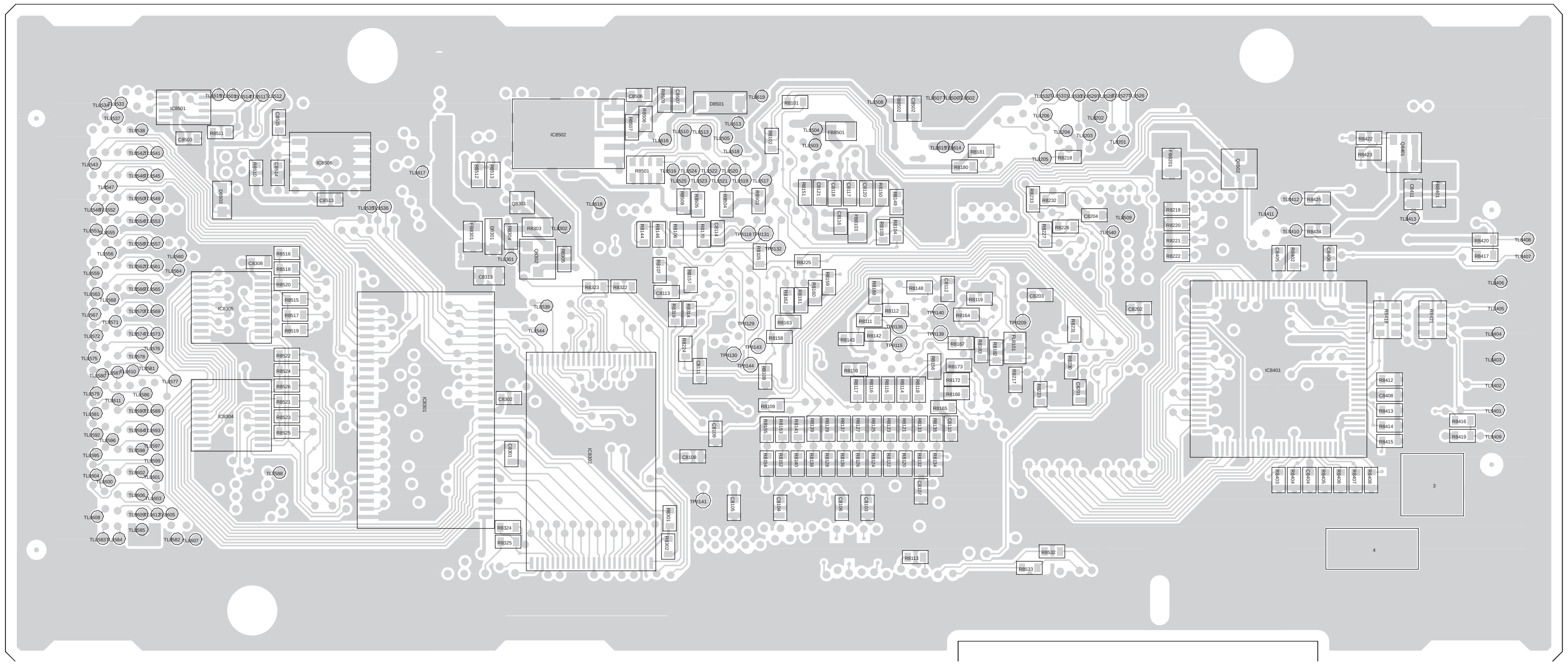
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

■ CPU Unit


IC8501
IC8506
IC8502
Q8301
R8501
FB8502
FB8501
FB8401
IC8305
IC8304
IC8301
Q8302
IC8302
IC8401
R8418
R8421

Side-B

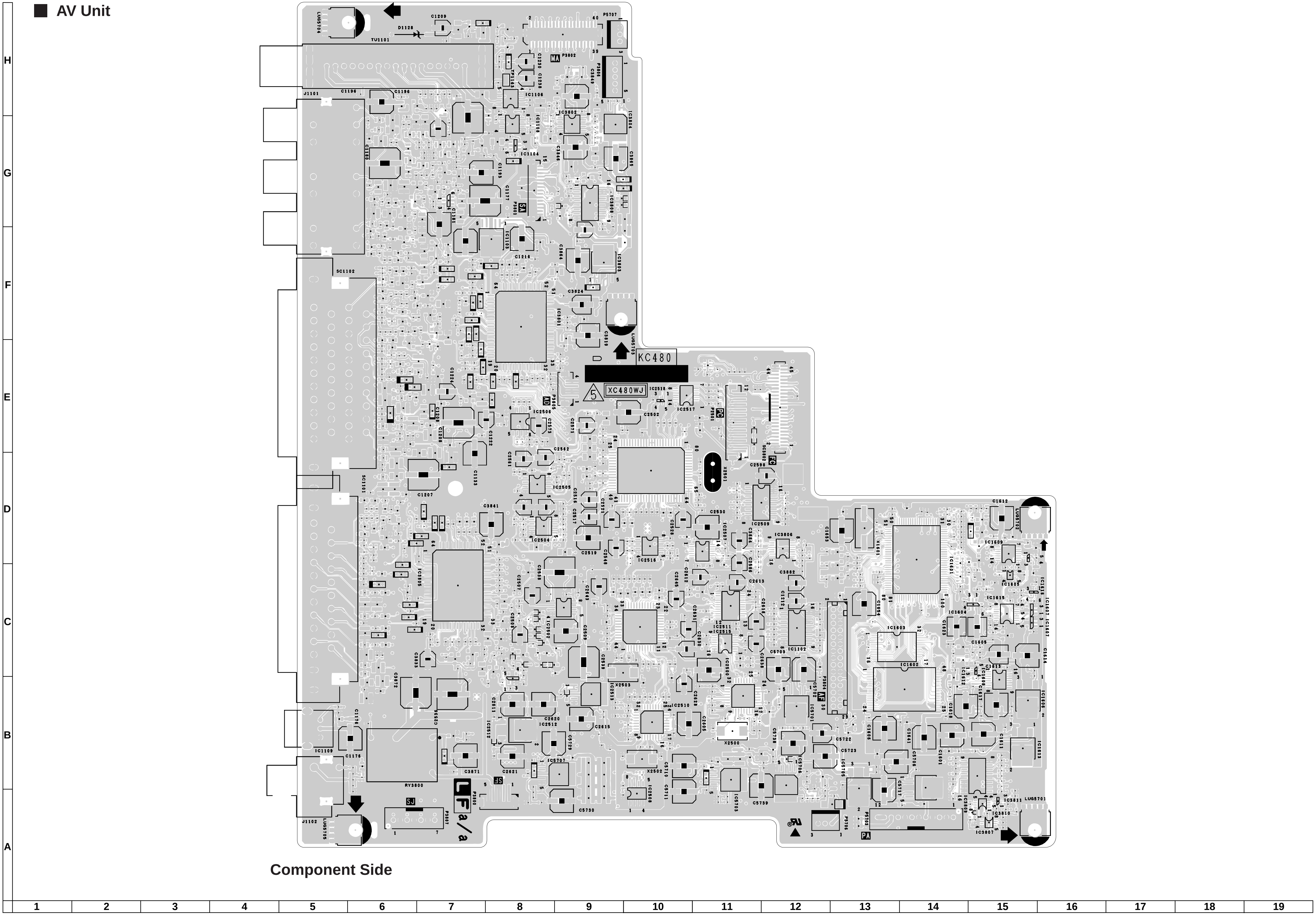


Chip Parts Side-B

H
G
F
E
D
C
B
A

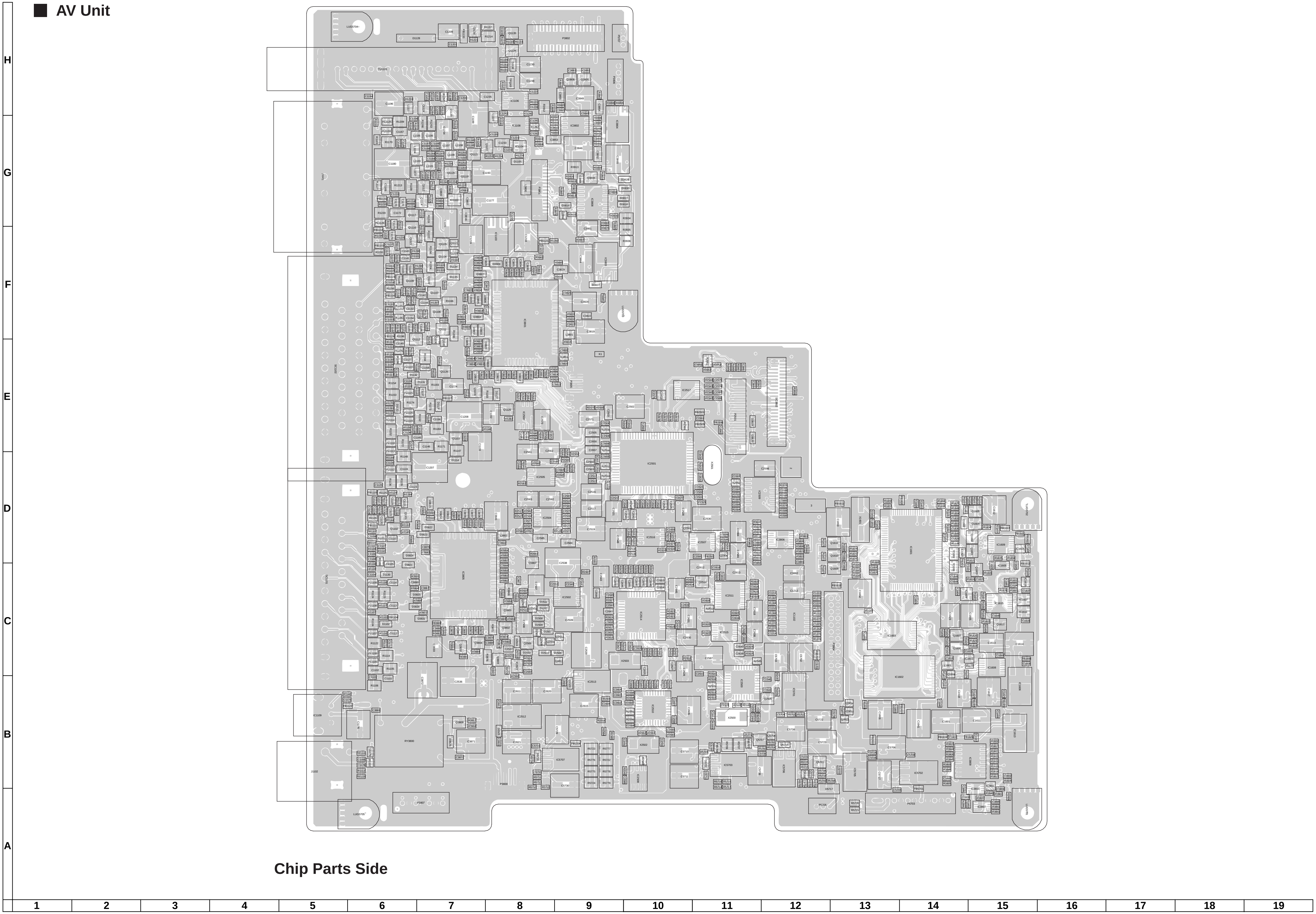
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

■ AV Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
KC480
XC480WJ
LF a/a

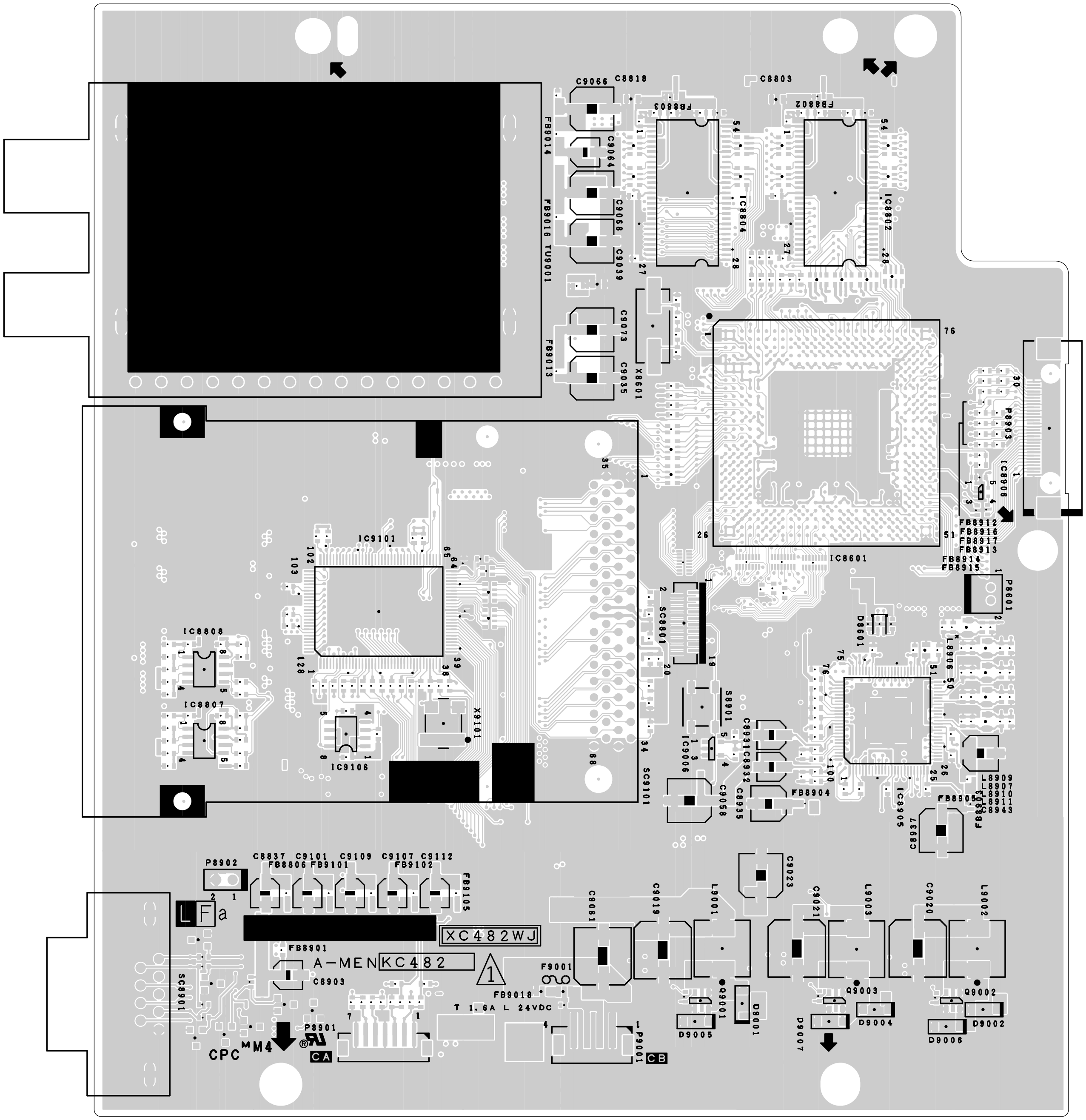
Component Side

AV Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

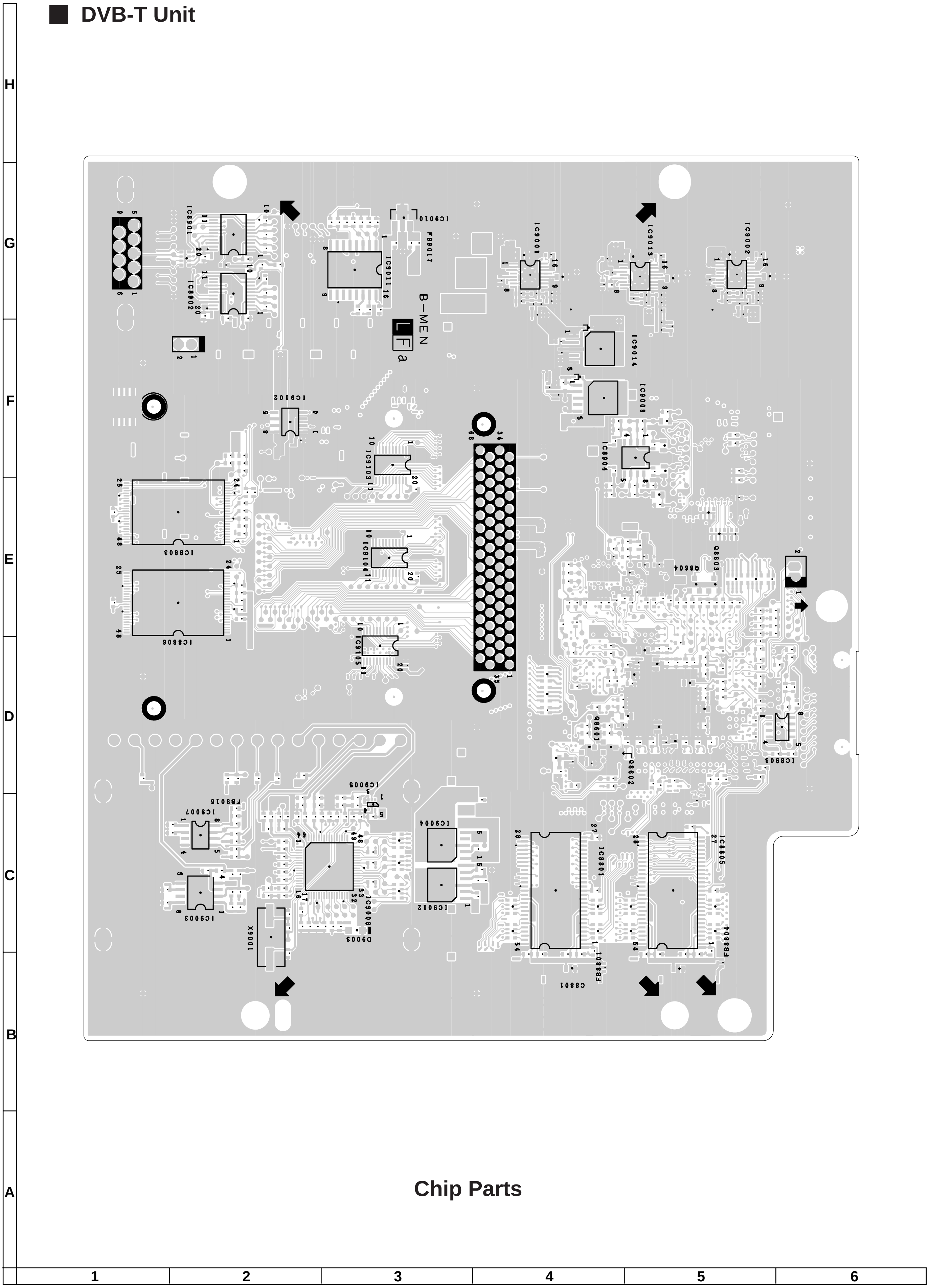
Chip Parts Side

DVB-T Unit


C9066
C8818
C8803
FB8803
FB8802
FB9014
C9064
IC8804
IC8802
FB9016
TU9001
C9068
C9039
C9073
C9035
FB9013
X8601
IC8601
P8903
IC8906
FB8912
FB8916
FB8917
FB8913
FB8914
FB8915
P8601
IC9101
SC8801
IC8808
IC8807
IC9106
X9101
D8601
L8906
S8901
IC9006
C8931
C8932
C9058
C8935
FB8904
IC8905
C8937
L8909
L8907
L8910
L8911
L8943
FB8905
SC9101
P8902
C8837
C9101
C9109
C9107
C9112
FB8806
FB9101
FB9102
FB9105
XC482WJ
FB8901
A-MEN
KC482
C8903
F9001
FB9018
T 1.6A L 24VDC
P8901
CPC
CA
CB
SC8901
C9023
C9061
C9019
L9001
C9021
L9003
C9020
L9002
Q9001
D9001
Q9003
Q9002
D9005
D9007
D9004
D9002
D9006
P9001

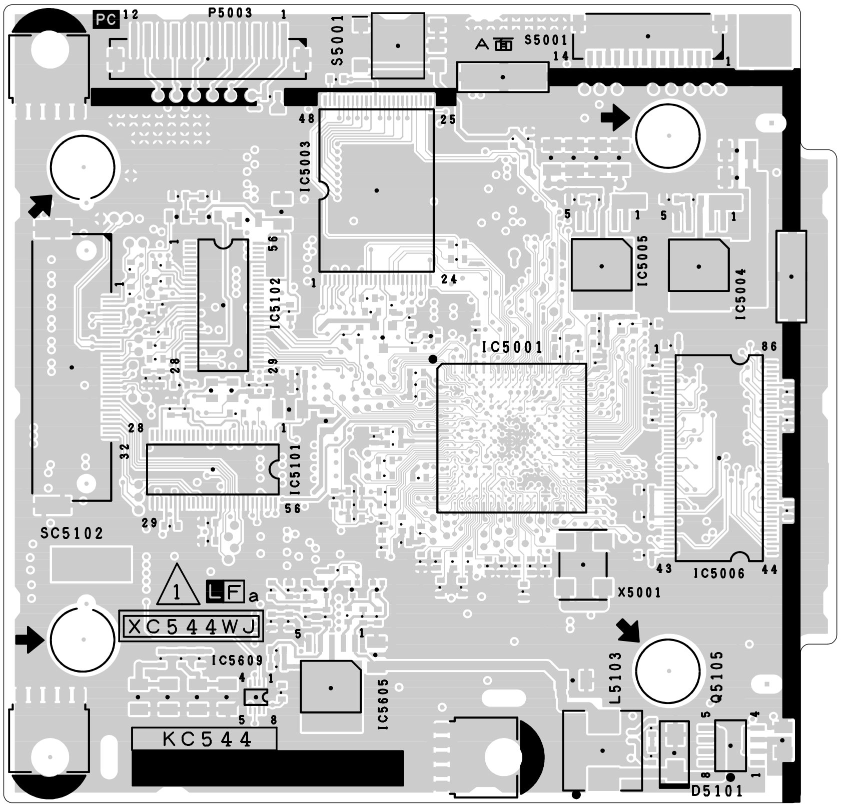
Component Side

DVB-T Unit

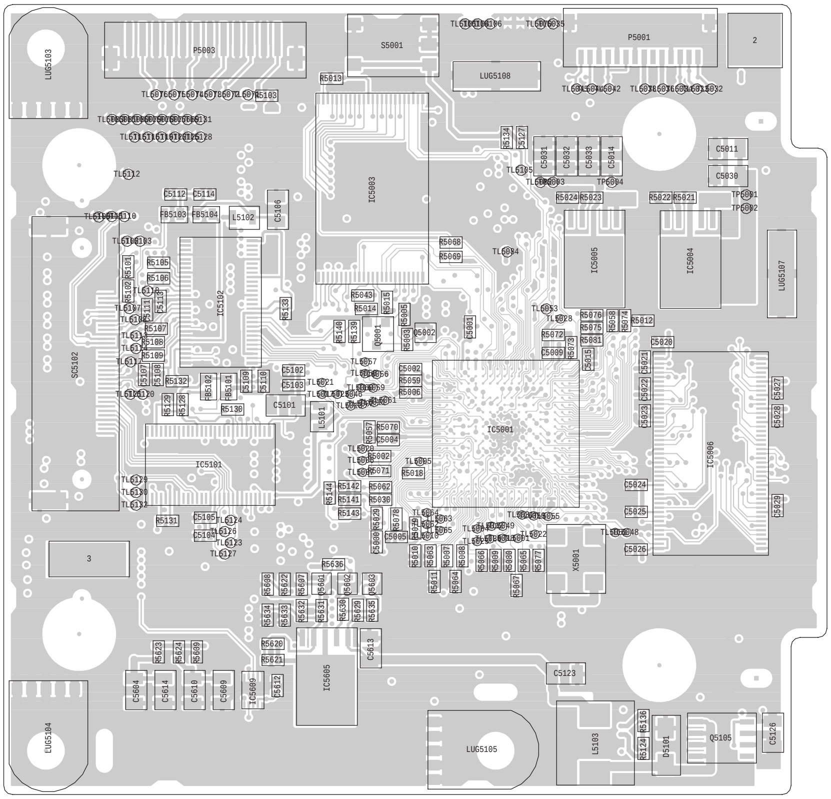

H
G
F
E
D
C
B
A
1
2
3
4
5
6
IC8901
IC8902
IC9011
IC9010
FB9017
B-MEN
IC9001
IC9013
IC9002
IC9014
IC9009
IC9102
IC9103
IC8904
IC8803
IC9104
IC8806
IC9105
Q8603
Q8604
Q8601
Q8602
IC8903
IC9005
FB9015
IC9007
IC9003
IC9008
D9003
X9001
IC9004
IC9012
IC8801
IC8805
FB8804
FB8801
C8801

Chip Parts

■ PC CARD Unit


PC
12
P5003
1
S5001
S5001
14
1
48
25
IC5003
24
1
5
1
5
1
IC5005
IC5004
IC5102
56
28
29
IC5001
1
86
28
32
1
IC5101
56
29
SC5102
43
IC5006
44
X5001
LF
a
XC544WJ
IC5609
5
1
4
1
5
8
IC5605
L5103
Q5105
5
4
8
1
D5101
KC544

Side-A

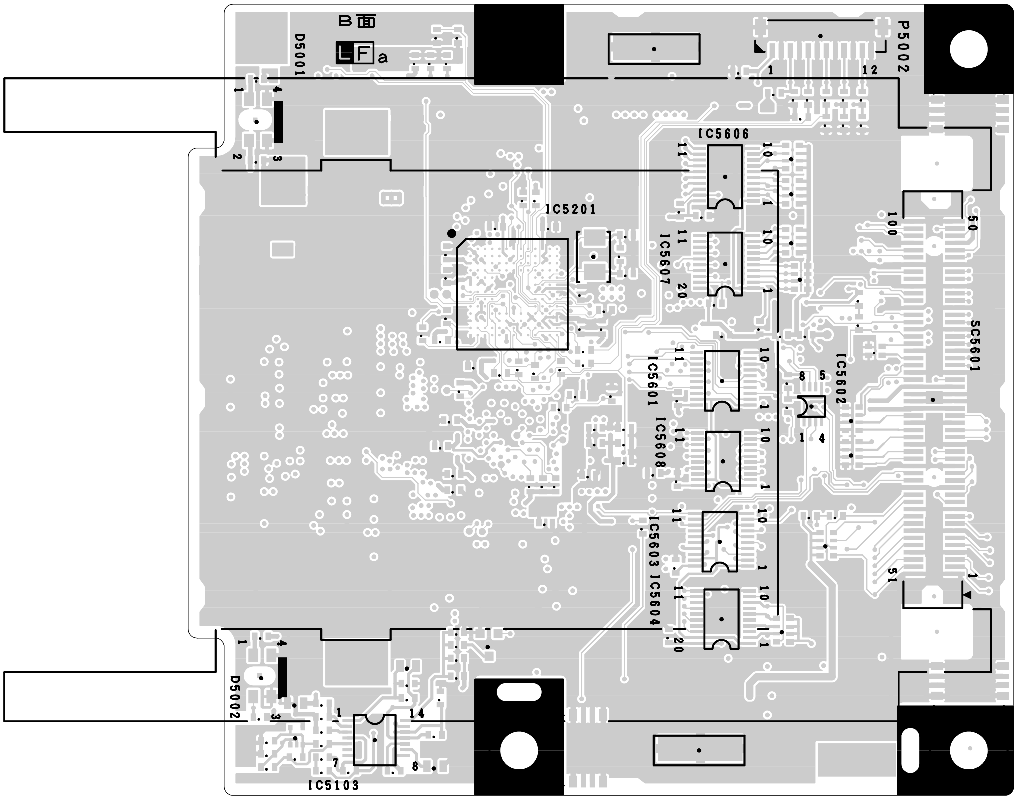

LUG5103
P5003
S5001
P5001
LUG5108
R5013
R5103
IC5003
C5011
C5030
C5031
C5032
C5033
C5014
R5134
R5127
R5024
R5023
R5022
R5021
TP5001
TP5002
TP5004
C5112
C5114
FB5103
FB5104
L5102
C5106
IC5102
R5105
R5106
R5107
R5108
R5109
R5132
R5068
R5069
IC5005
IC5004
LUG5107
SC5102
R5133
R5043
R5014
Q5001
Q5002
R5076
R5075
R5074
R5012
R5072
R5081
R5089
C5020
C5102
C5103
C5101
L5101
R5136
IC5001
R5070
C5004
R5002
R5071
R5018
C5024
C5025
C5026
C5027
C5028
C5029
IC5006
IC5101
R5142
R5141
R5143
R5062
R5030
R5131
C5105
C5104
3
X5001
R5636
R5620
R5621
R5613
R5623
R5624
C5604
C5614
C5610
C5609
IC5605
C5123
L5103
D5101
Q5105
C5126
LUG5104
LUG5105

Chip Parts Side-A

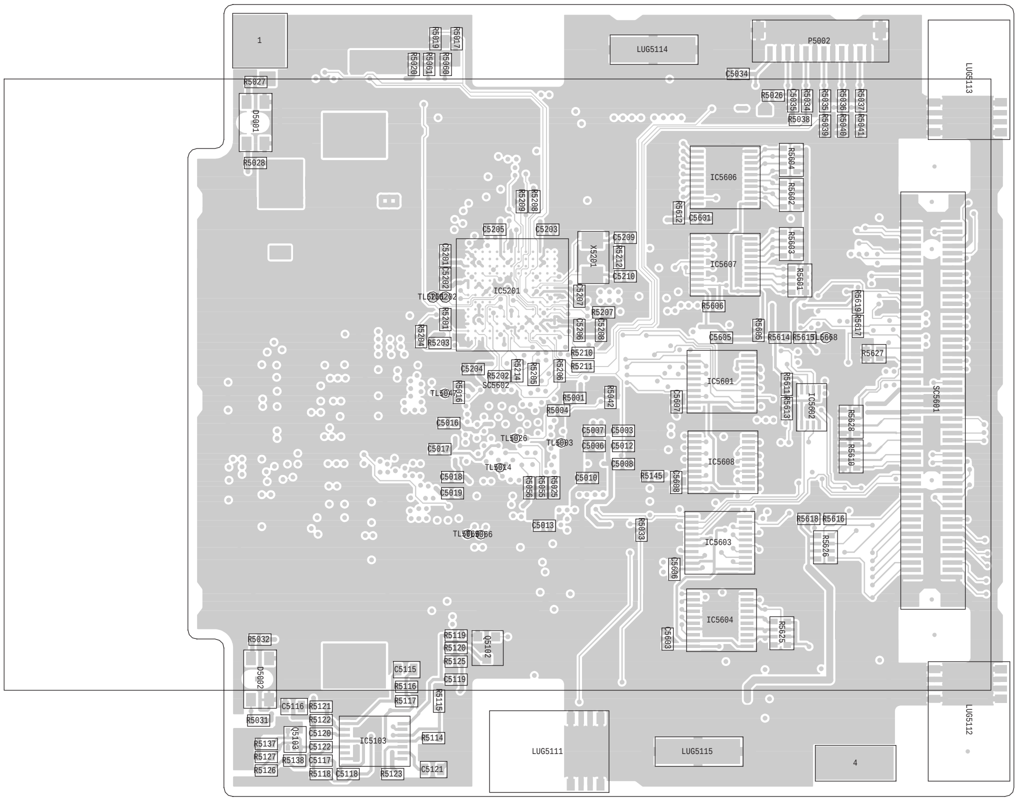
H
G
F
E
D
C
B
A

1 2 3 4 5 6

PC CARD Unit


B
LF a
D5001
D5002
P5002
IC5606
IC5201
IC5607
IC5601
IC5608
IC5603
IC5604
IC5602
IC5103
SC5601
1
2
3
4
7
8
14
10
11
12
20
50
51
100

Side-B

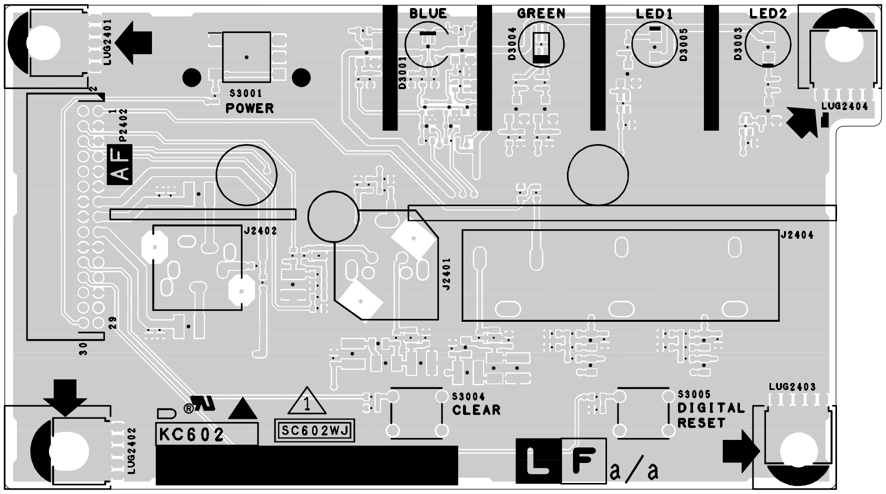

LUG5114
LUG5113
LUG5112
LUG5111
LUG5115
P5002
D5001
D5002
IC5201
IC5606
IC5607
IC5601
IC5602
IC5608
IC5603
IC5604
IC5103
SC5601
X5201
C5034
R5027
R5028
R5032
R5031

Chip Parts Side-B

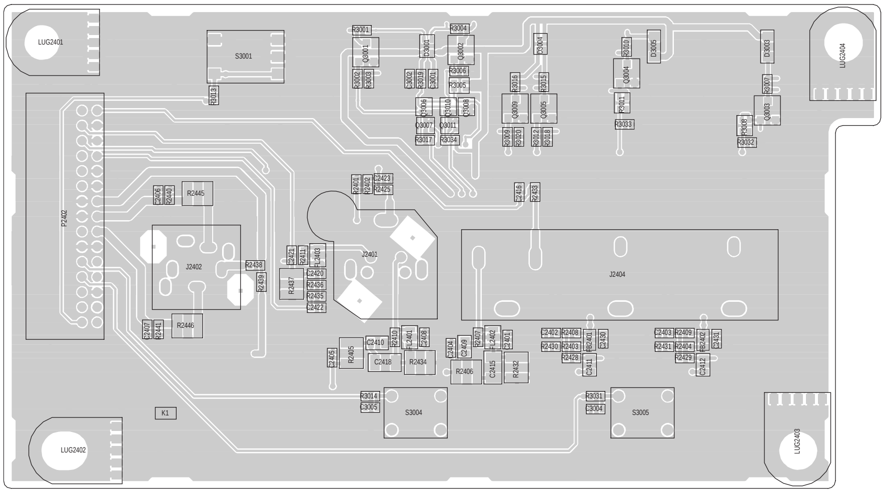
H
G
F
E
D
C
B
A

1	2	3	4	5	6

■ FRONT Unit

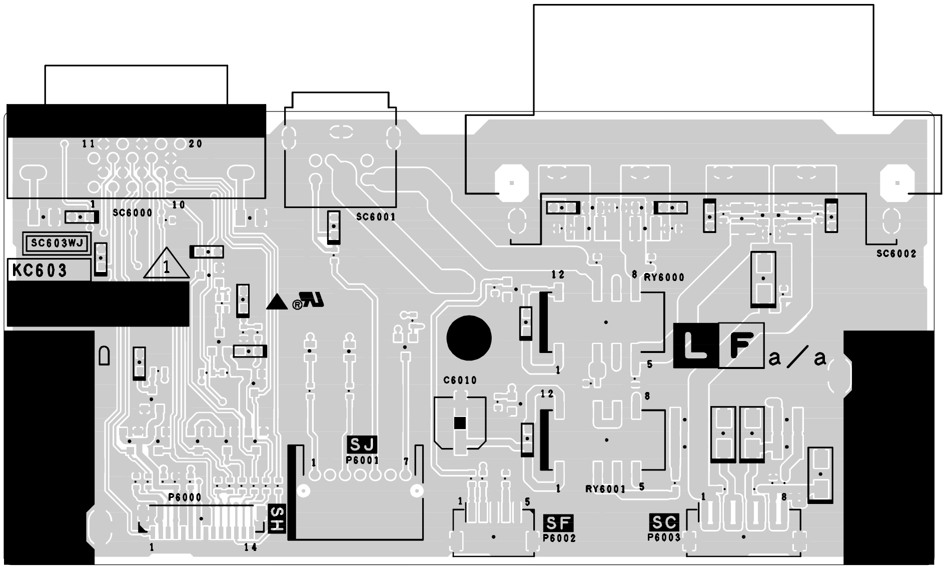

LUG2401
S3001
POWER
BLUE
GREEN
LED1
LED2
D3001
D3004
D3005
D3003
LUG2404
P2402
1
2
AF
J2402
J2401
J2404
29
30
S3004
CLEAR
S3005
DIGITAL
RESET
LUG2403
LUG2402
KC602
SC602WJ
LF
a/a

Component Side


LUG2401
S3001
R3013
P2402
J2402
R2445
R2446
J2401
J2404
S3004
S3005
K1
LUG2402
LUG2403
LUG2404

Chip Parts Side

AUDIO INTERFACE Unit


11
20
1
10
SC6000
SC603WJ
KC603
1
SC6001
SC6002
12
8
RY6000
L F
a/a
C6010
1
5
12
8
SJ
P6001
1
7
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RY6001
P6000
SH
1
14
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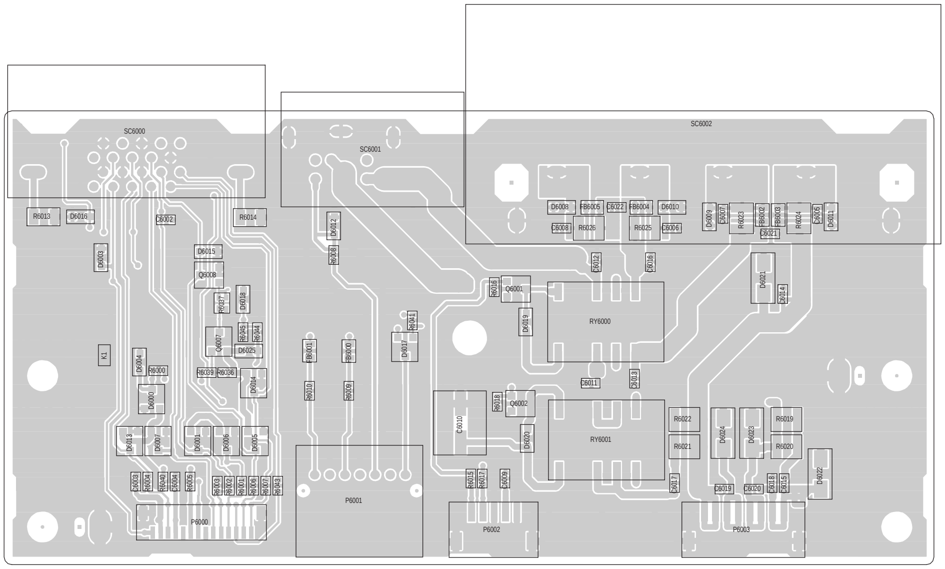
SF
P6002
SC
P6003
1
8

Component Side

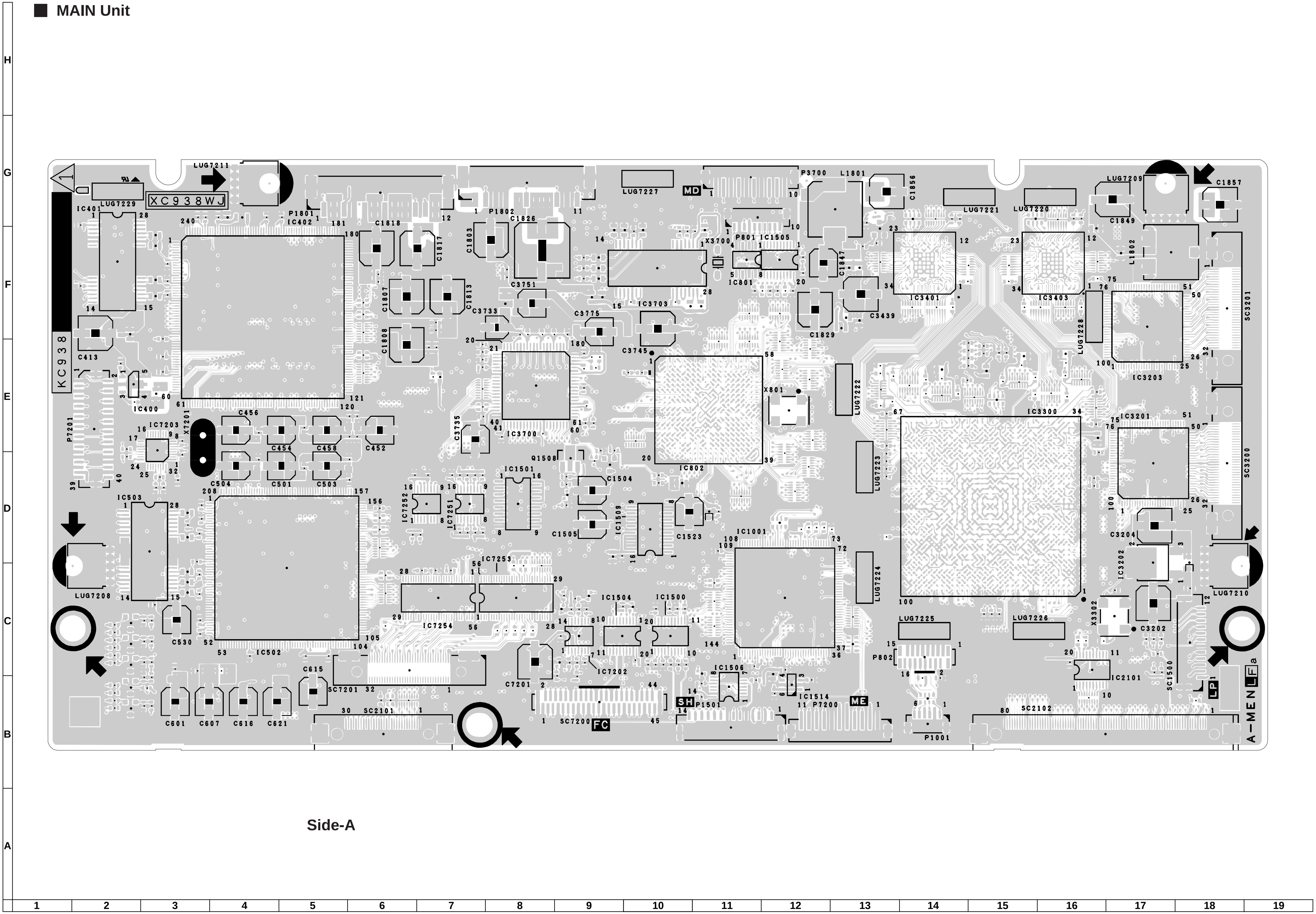

SC6000
SC6001
SC6002
R6013
D6016
C6002
R6014
D6012
R6008
D6003
D6015
Q6008
D6008
FB6005
C6022
FB6004
D6010
C6008
R6026
R6025
C6006
R6023
C6021
R6024
D6011
D6012
D6016
Q6001
RY6000
D6021
D6014
K1
R6000
R6001
R6000
D6017
C6011
C6013
Q6002
C6010
RY6001
R6022
R6021
R6019
R6020
D6022
P6000
P6001
P6002
P6003

Chip Parts Side

H
G
F
E
D
C
B
A

1 2 3 4 5 6

■ MAIN Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
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7
8
9
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11
12
13
14
15
16
17
18
19
XC938WJ
KC938
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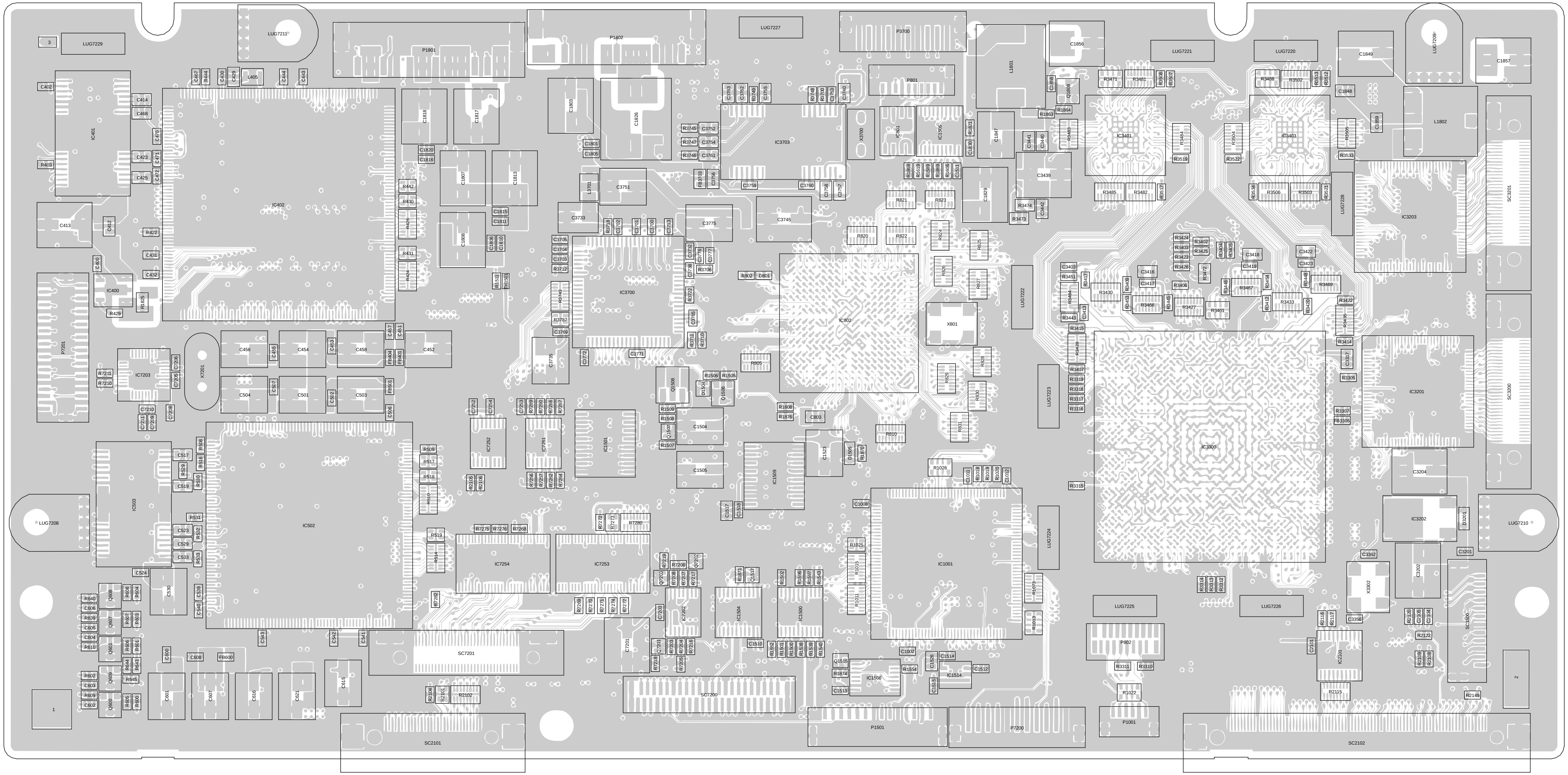
LUG7229
IC401
IC402
P1801
C1818
C1817
C1803
P1802
C1826
C3751
C1807
C1813
C1808
C3733
C3775
C3745
IC3703
X3700
P801
IC1505
IC801
C1847
C1829
C3439
LUG7227
MD
P3700
L1801
C1856
LUG7221
LUG7220
LUG7209
C1857
C1849
L1802
IC3401
IC3403
LUG7228
IC3203
SC3201
C413
IC400
P7201
IC7203
X7201
C456
C454
C458
C452
C504
C501
C503
IC3700
C3735
Q1508
IC802
X801
LUG7222
LUG7223
IC3300
IC3201
SC3200
IC503
IC1501
IC7252
IC7251
C1504
C1505
IC1509
C1523
IC1001
LUG7224
C3204
IC3202
X3302
C3202
LUG7208
LUG7210
IC7253
IC7254
IC502
C530
IC1504
IC1500
IC7202
C7201
LUG7225
LUG7226
P802
IC2101
SC1500
C615
SC7201
SC2101
SC7200
FC
IC1506
SH
P1501
IC1514
P7200
ME
P1001
SC2102
C601
C607
C616
C621
LP
A-MEN-LFa

Side-A

■ MAIN Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
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14
15
16
17
18
19
LUG7229
LUG7211
P1801
P1802
LUG7227
P3700
P801
L1801
C1856
LUG7221
LUG7220
C1849
LUG7209
C1857
L1802
IC401
IC402
C413
IC400
P7201
IC7203
X7201
IC503
IC502
LUG7208
IC7252
IC7251
IC7254
IC7253
SC7201
SC2101
IC1501
IC3700
IC3703
X3700
C3751
C3745
IC802
X801
IC1509
C1504
C1505
IC1001
C1500
C1504
IC1506
IC1514
SC7200
P1501
P7200
P1001
P802
LUG7222
LUG7223
LUG7224
LUG7225
LUG7226
IC3401
IC3403
C3439
IC3300
LUG7228
IC3203
IC3201
IC3202
C3204
X3302
C3202
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SC3200
SC3201
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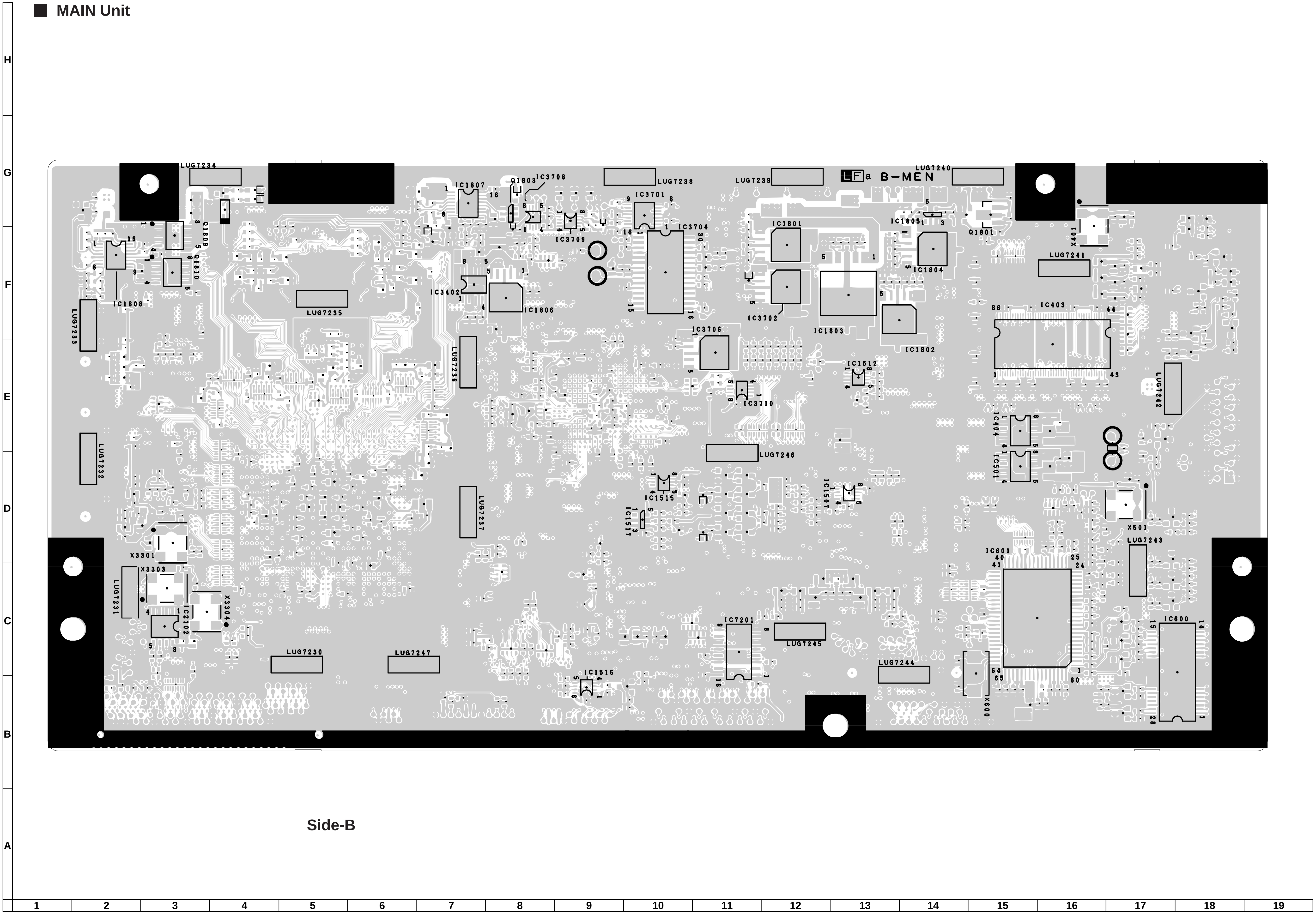
SC2102
1
2
3

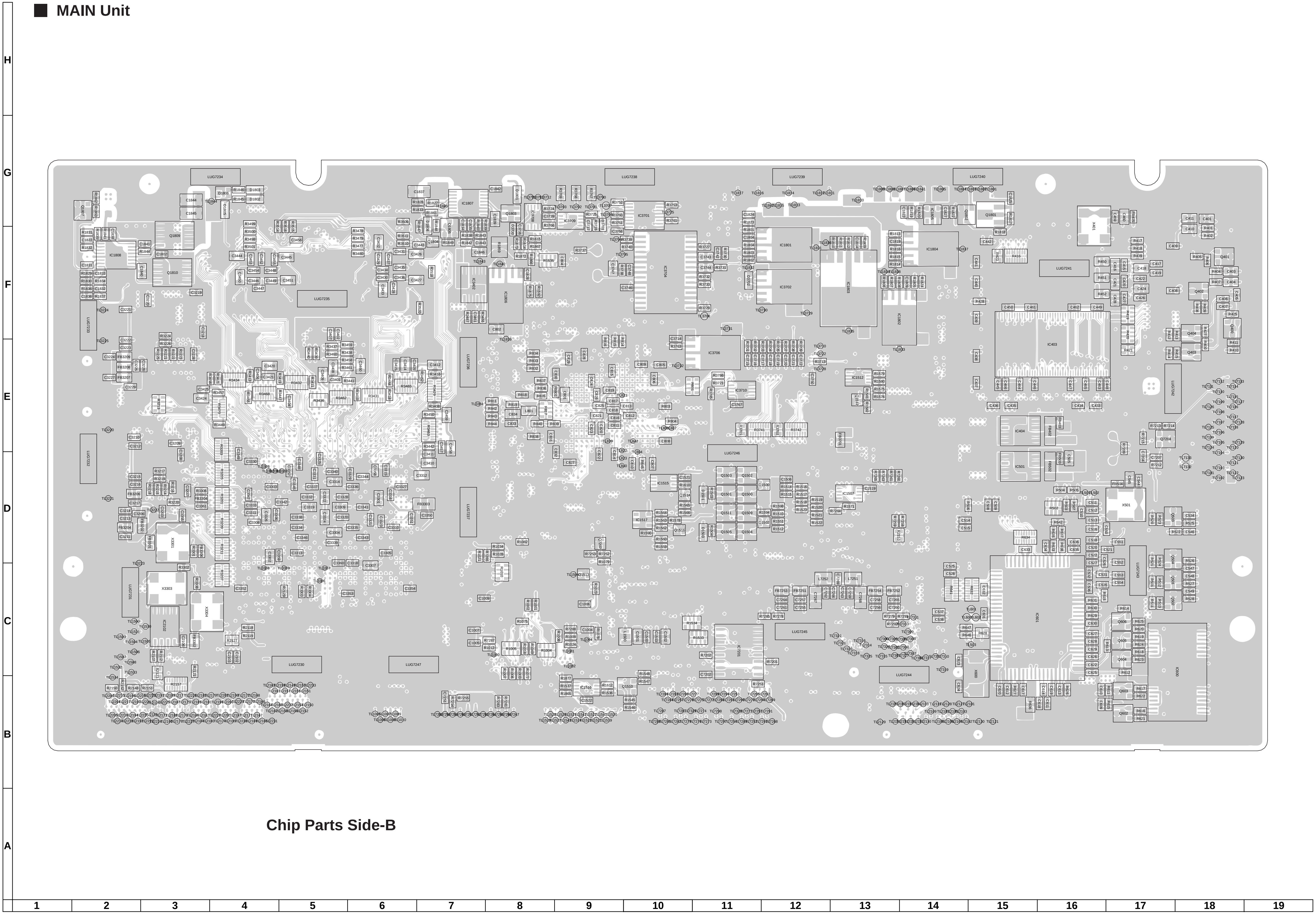
Chip Parts Side-A

■ MAIN Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
LUG7234
Q1803
IC3708
IC1807
LUG7238
LUG7239
LUG7240
LF a B-MEN
IC3701
IC3704
IC3709
IC1801
IC1805
Q1801
X401
Q1809
Q1810
IC1808
LUG7235
IC3402
IC1806
LUG7233
IC3702
IC1803
IC1804
LUG7241
IC403
IC3706
IC1802
IC1512
LUG7236
IC3710
LUG7242
IC404
IC501
LUG7232
LUG7246
IC1515
IC1517
IC1507
LUG7237
X501
LUG7243
X3301
X3303
IC601
LUG7231
X3304
IC2102
IC7201
LUG7245
IC600
LUG7230
LUG7247
LUG7244
IC1516
X600

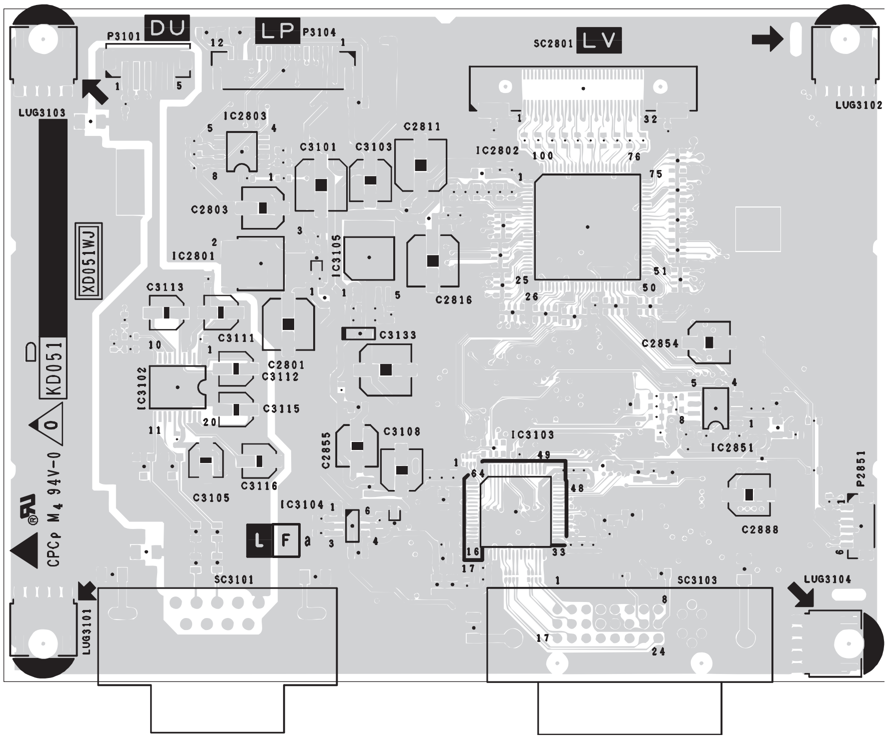
Side-B

■ MAIN Unit

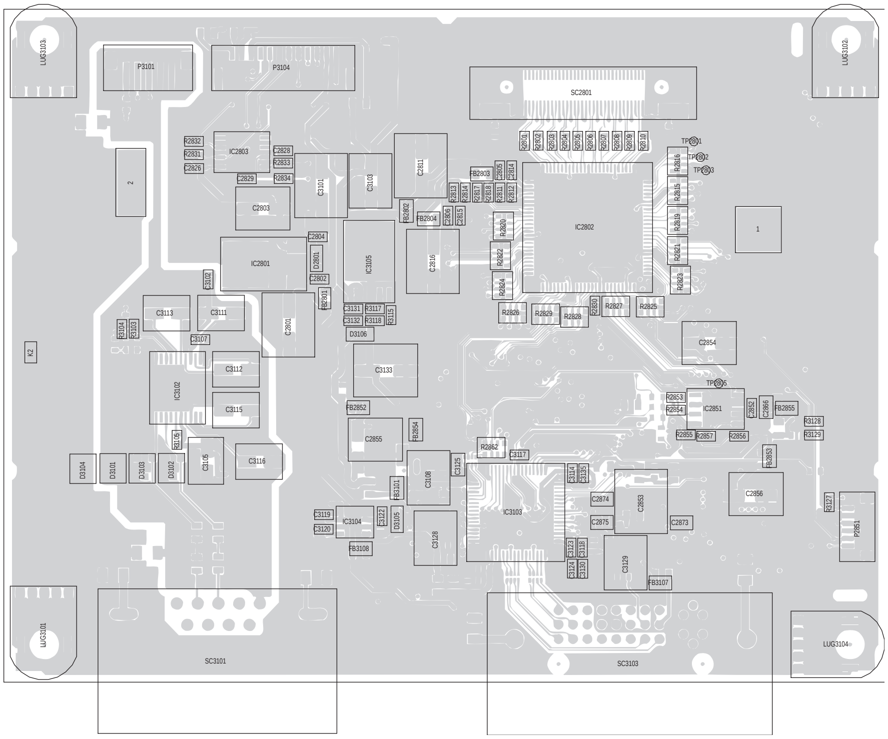

H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

Chip Parts Side-B

TMDS-TX Unit


P3101
DU
LP
P3104
SC2801
LV
LUG3103
LUG3102
IC2803
C2811
C3101
C3103
IC2802
C2803
IC2801
IC3105
C3113
C2816
C3111
C3133
C2801
C3112
C2854
IC3102
C3115
IC2851
C2855
C3108
IC3103
C3105
C3116
IC3104
P2851
C2888
LF
XD051WJ
KD051
CPCp M4 94V-0
SC3101
SC3103
LUG3101
LUG3104

Side-A


LUG3103
LUG3102
P3101
P3104
SC2801
IC2803
IC2802
IC2801
IC3105
C2811
C2816
C3113
C3111
IC3102
C3112
C3115
C3116
C3133
C2855
C2854
IC2851
C2856
IC3103
IC3104
C3108
C3128
C3129
C2853
P2851
LUG3101
SC3101
SC3103
LUG3104

Chip Parts Side-A

H
G
F
E
D
C
B
A

1 2 3 4 5 6

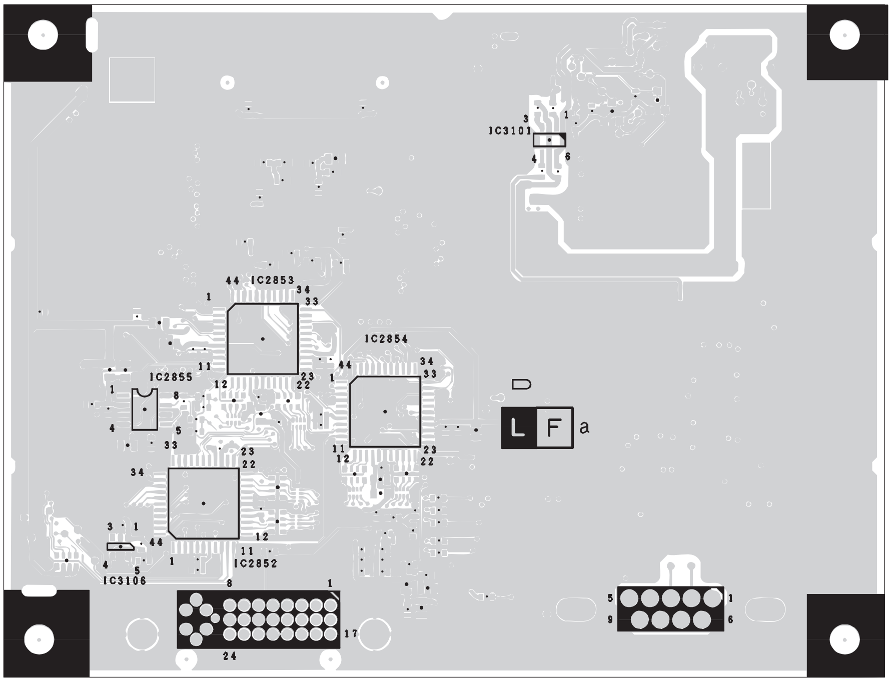
■ TMDS-TX Unit

H

G

F

E

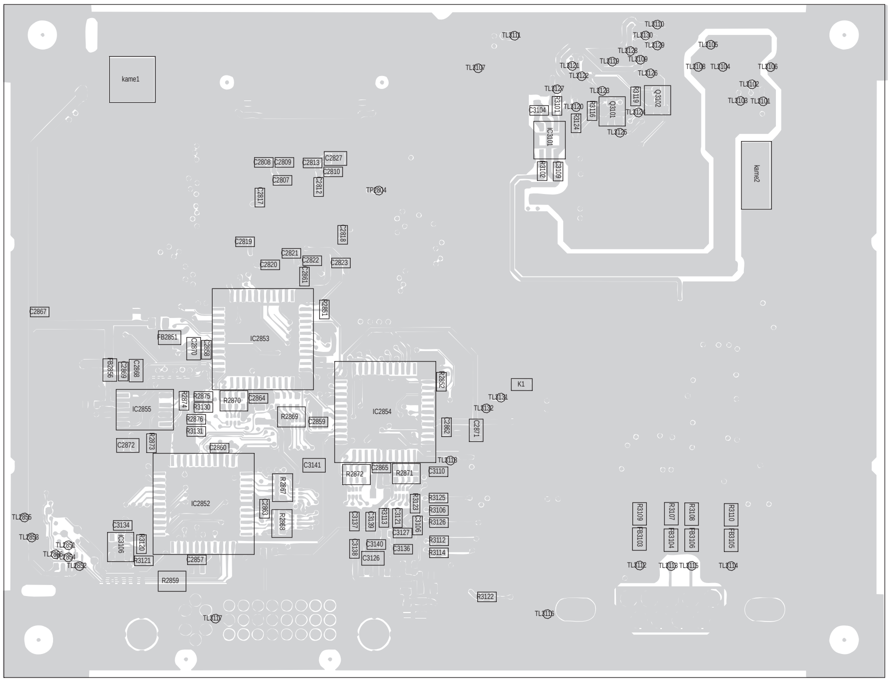

IC3101
IC2853
IC2854
IC2855
IC2852
IC3106
L F a
44
34
33
23
22
12
11
1
8
5
4
3
6
9
17
24

D

Side-B

C

B

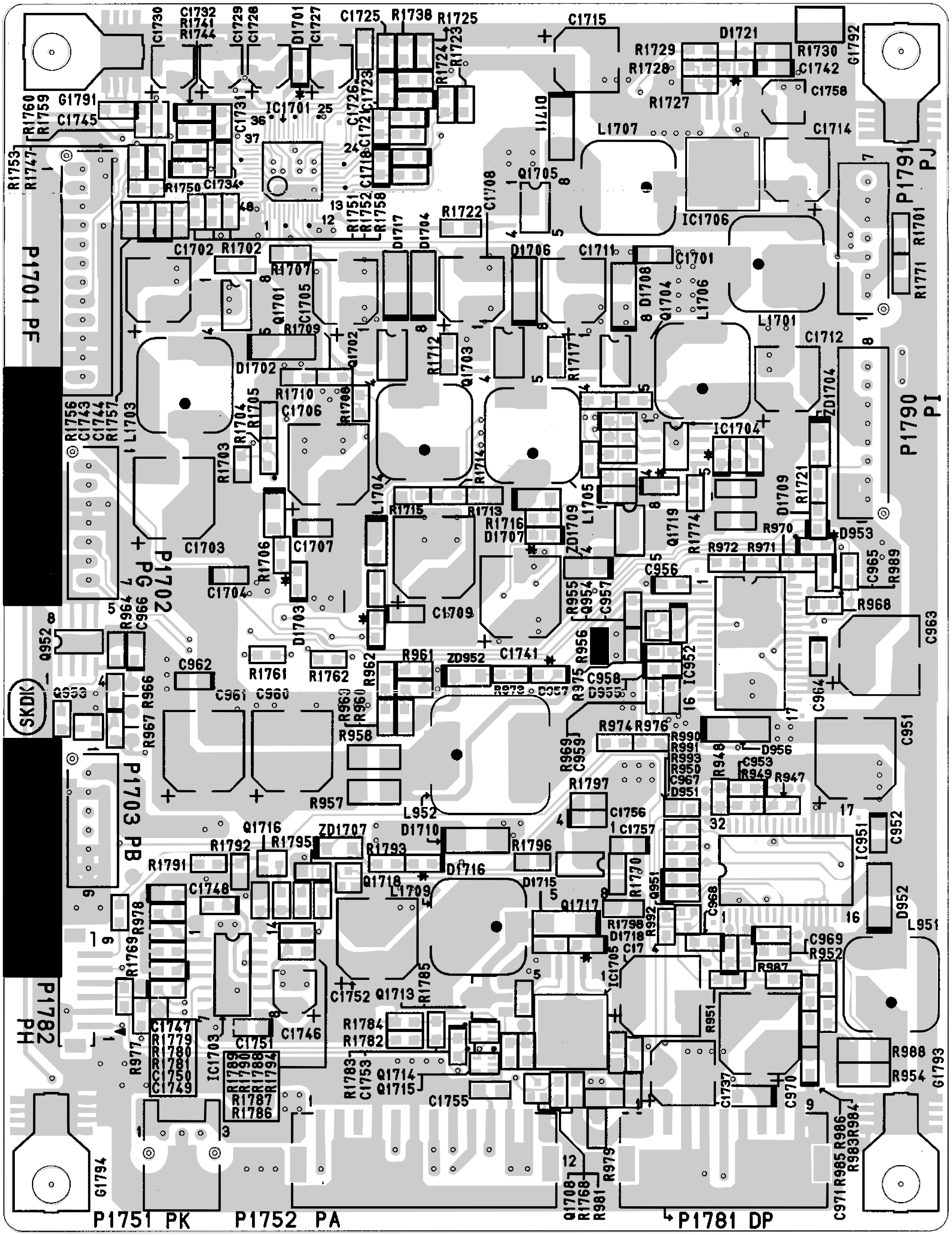

kame1
kame2
IC2853
IC2854
IC2855
IC2852
IC3106
IC3101
Q3101
Q3102
K1
TP2804
C2808
C2809
C2813
C2827
C2810
C2807
C2817
C2811
C2818
C2819
C2821
C2822
C2820
C2823
C2861
C2867
FB2851
R2856
C2868
C2869
C2864
R2870
R2869
C2859
C2866
C2860
C2865
C3141
R2872
R2871
C3110
C2872
C3134
C2857
R2859
R3121
R3122
C3140
C3126
C3136
R3125
R3106
R3126
R3112
R3114
C3127
R3109
R3107
R3108
R3110
FB3103
FB3104
FB3106
FB3105
C3104

A

Chip Parts Side-B

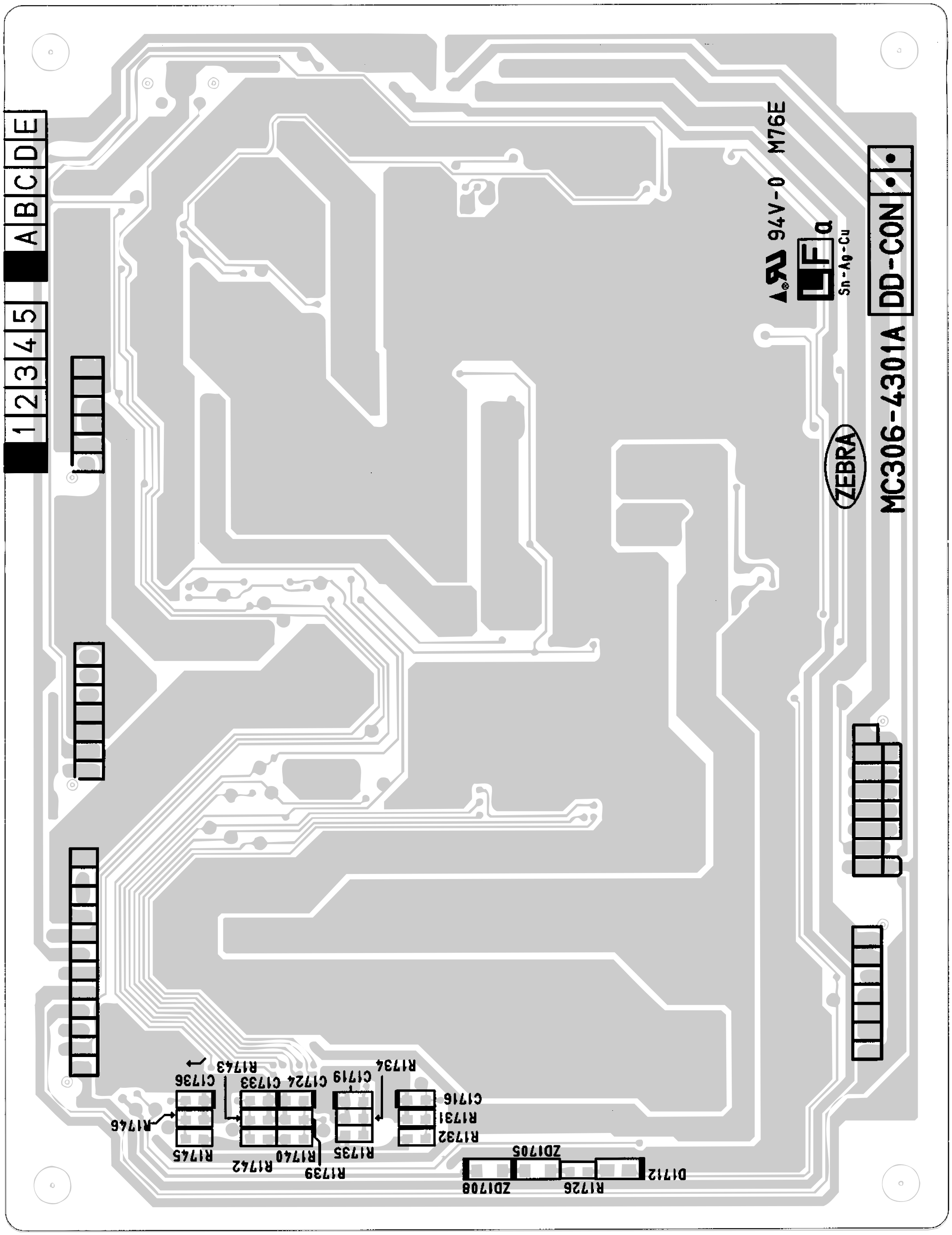
1	2	3	4	5	6

POWER SUPPLY Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
C1730
C1732
R1741
R1744
C1729
C1728
D1701
C1727
C1725
R1738
R1725
C1715
D1721
R1729
R1728
R1730
C1742
G1792
C1758
R1727
C1714
L1707
G1791
C1745
R1760
R1759
IC1701
C1731
C1726
C1723
R1724
R1723
D1711
Q1705
C1708
IC1706
P1791 PJ
R1701
R1771
R1753
R1747
R1750
C1734
C1718
R1751
R1752
R1758
D1717
D1704
R1722
P1701 PF
C1702
R1702
R1707
Q1701
C1705
R1709
D1706
C1711
C1701
D1708
Q1704
L1706
L1701
C1712
D1702
R1710
C1706
R1708
Q1702
R1712
Q1703
R1717
R1714
IC1704
ZD1704
P1790 PI
R1756
C1743
C1744
R1757
L1703
R1703
R1704
R1705
L1704
R1715
R1713
R1716
D1707
ZD1709
L1705
Q1719
R1774
D1709
R1721
R970
D953
C1703
P1702 PG
C1707
R1706
C1704
D1703
C1709
R955
Q954
C957
C956
R972
R971
C965
R989
R968
C963
Q952
R964
C966
C962
R1761
R1762
R962
R961
ZD952
C1741
R956
C958
D955
IC952
C964
Q953
R966
R967
C961
C960
R963
R960
R958
R973
D957
R975
SKDK
P1703 PB
R957
L952
R969
C959
R974
R976
R990
R991
R993
R950
C967
D951
R948
D956
C953
R949
R947
C951
R1797
C1756
C1757
IC951
C952
Q1716
ZD1707
D1710
R1792
R1795
R1793
R1796
R1791
D1716
Q1718
L1709
D1715
R1770
Q951
Q1717
C968
D952
L951
C1748
R978
R1769
R1798
D1718
R992
C969
R952
R987
IC1705
P1782 PH
C1752
Q1713
R1785
R951
C1746
R1784
R1782
R988
R954
G1793
C1747
R1779
R1780
R1781
C1750
C1749
R977
IC1703
C1751
R1789
R1790
R1788
R1794
R1787
R1786
R1783
C1753
Q1714
Q1715
C1755
C1737
C970
R986
R984
R985
R983
C971
G1794
R979
Q1708
R1768
R981
P1751 PK
P1752 PA
P1781 DP

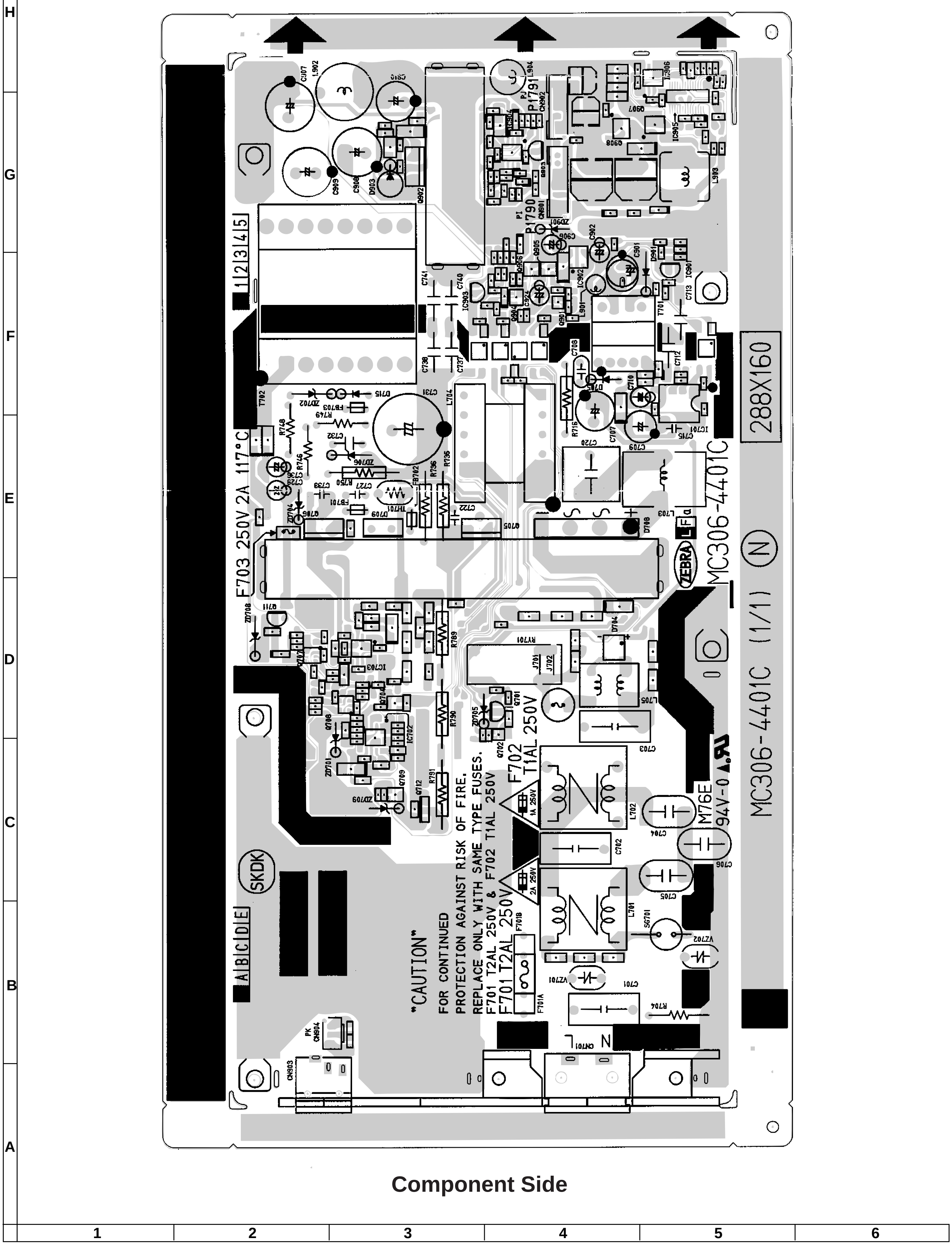
Component Side

POWER SUPPLY Unit


A B C D E
1 2 3 4 5
94V-0
M76E
Sn-Ag-Cu
DD-CON
ZEBRA
MC306-4301A
C1736
R1743
C1733
C1724
C1719
R1734
C1716
R1731
R1732
R1746
R1745
R1742
R1740
R1739
R1735
ZD1705
ZD1708
R1726
D1712

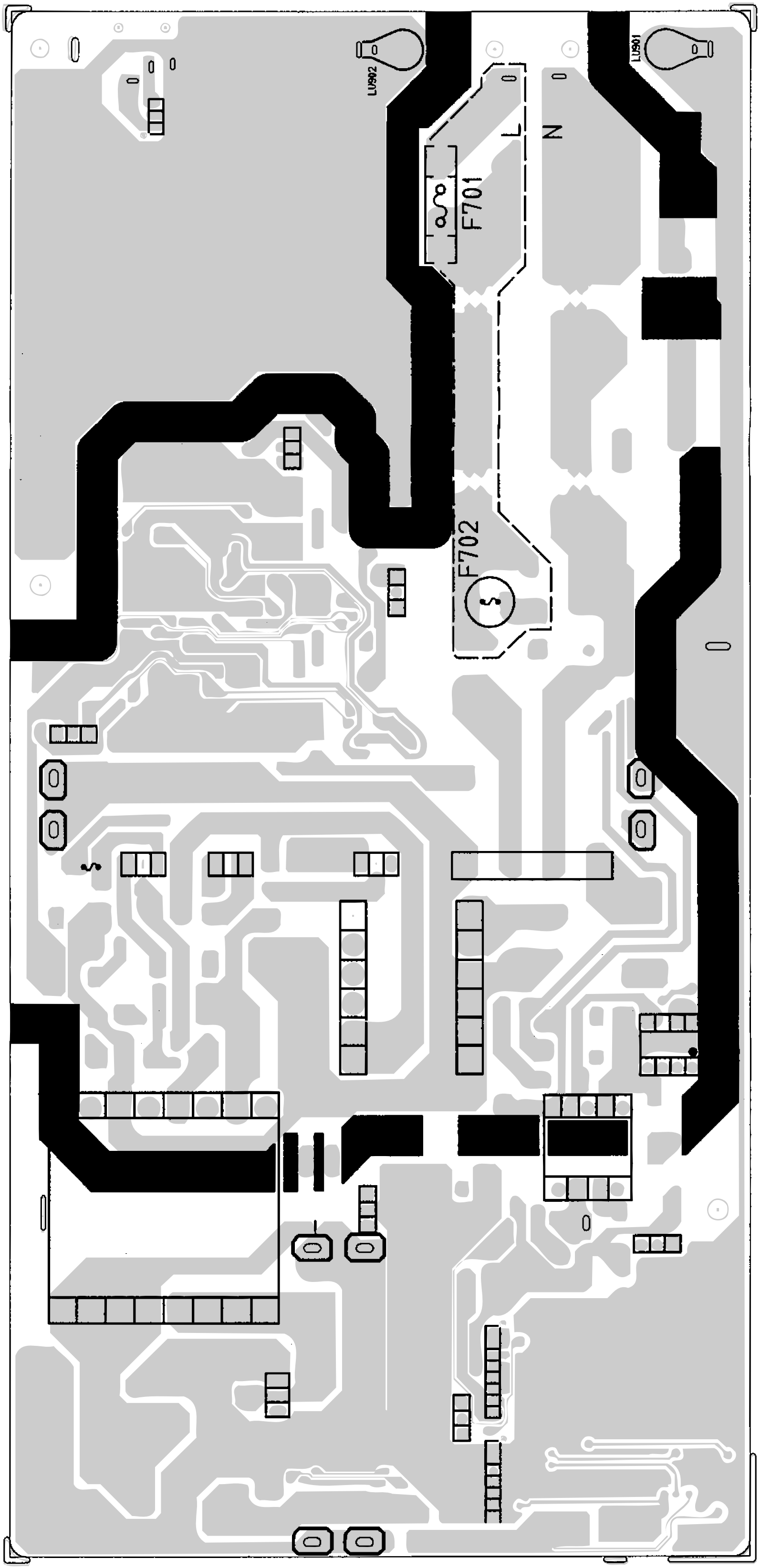
Chip Parts Side

DC/DC CONVERTER Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
288X160
MC306-4401C
MC306-4401C (1/1) N
ZEBRA
F703 250V 2A 117°C
1|2|3|4|5
A|B|C|D|E
SKDK
CAUTION
FOR CONTINUED
PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE FUSES.
F701 T2AL 250V & F702 T1AL 250V
F702
T1AL 250V
F701 T2AL 250V
M76E
94V-0
T702
T701
L704
L703
L702
L701
L705
C731
C703
C702
C704
C705
C706
C701
RY701
J701
J702
IC701
IC702
IC703
IC901
IC902
IC903
IC905
CN701
CN801
CN902
CN903
CN904
P1790
P1791
L901
L902
L903
L904
C907
C909
C908
Q902
D903
D704
D708
SG701
VZ701
VZ702
R704
R789
R790
R791
N
L

Component Side

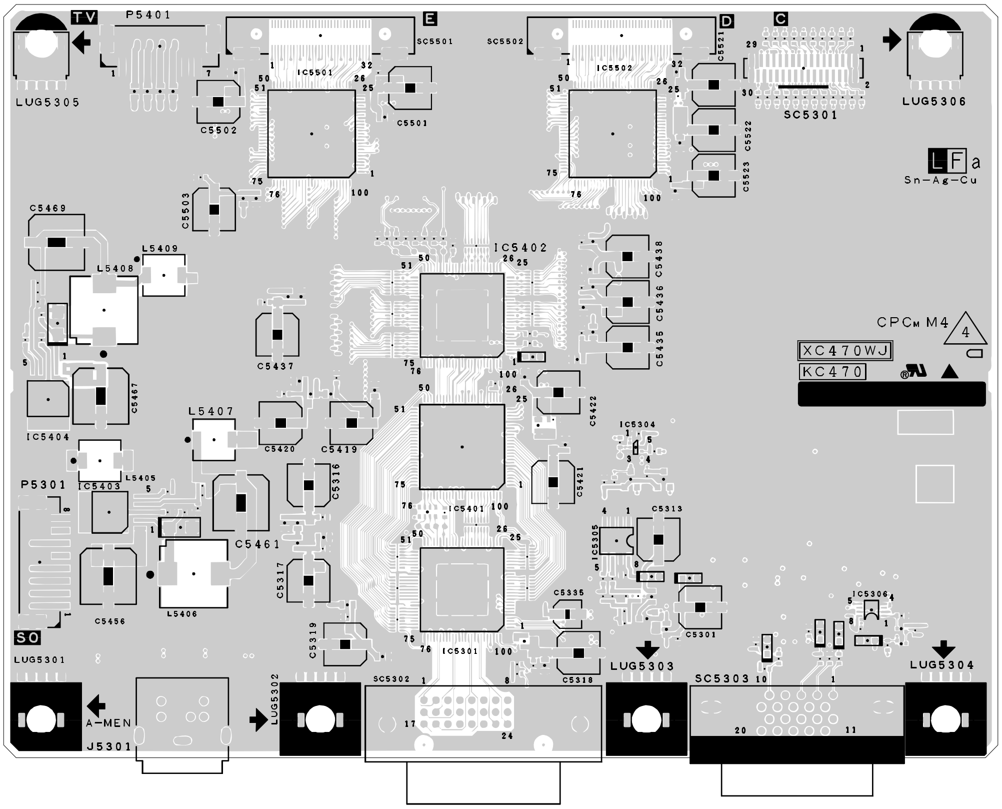
DC/DC CONVERTER Unit


LU902
LU901
L
N
F701
F702
H
G
F
E
D
C
B
A
1
2
3
4
5
6

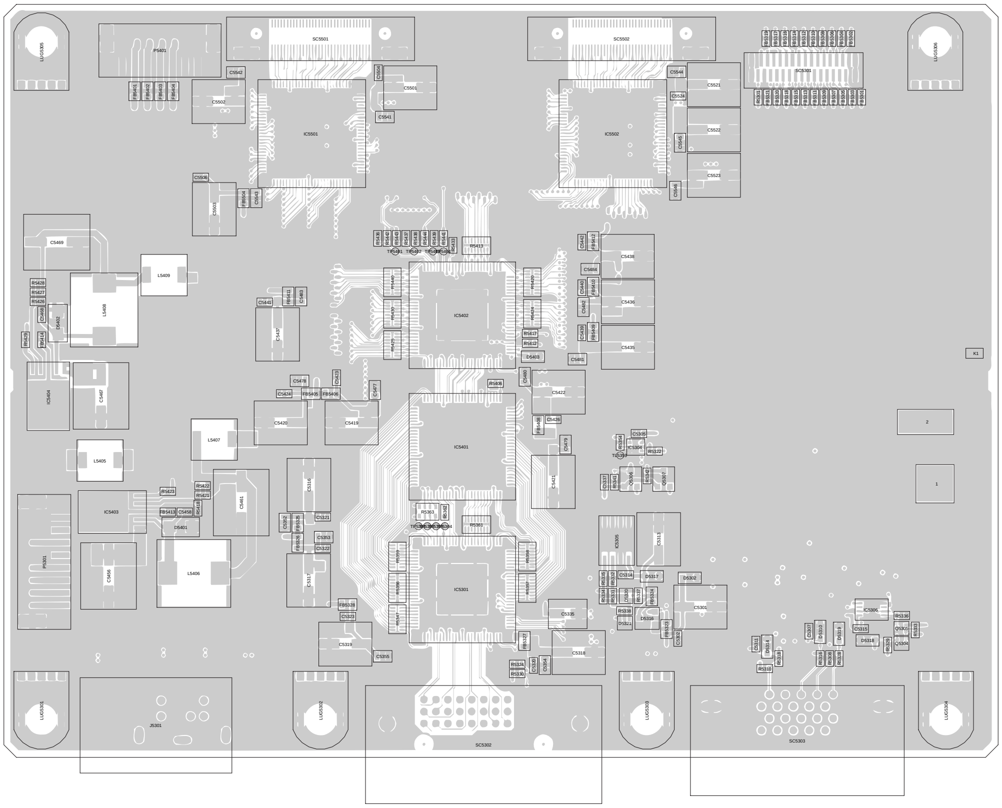
Chip Parts Side

(LC-45GD1E)

■ TMDS-RX Unit

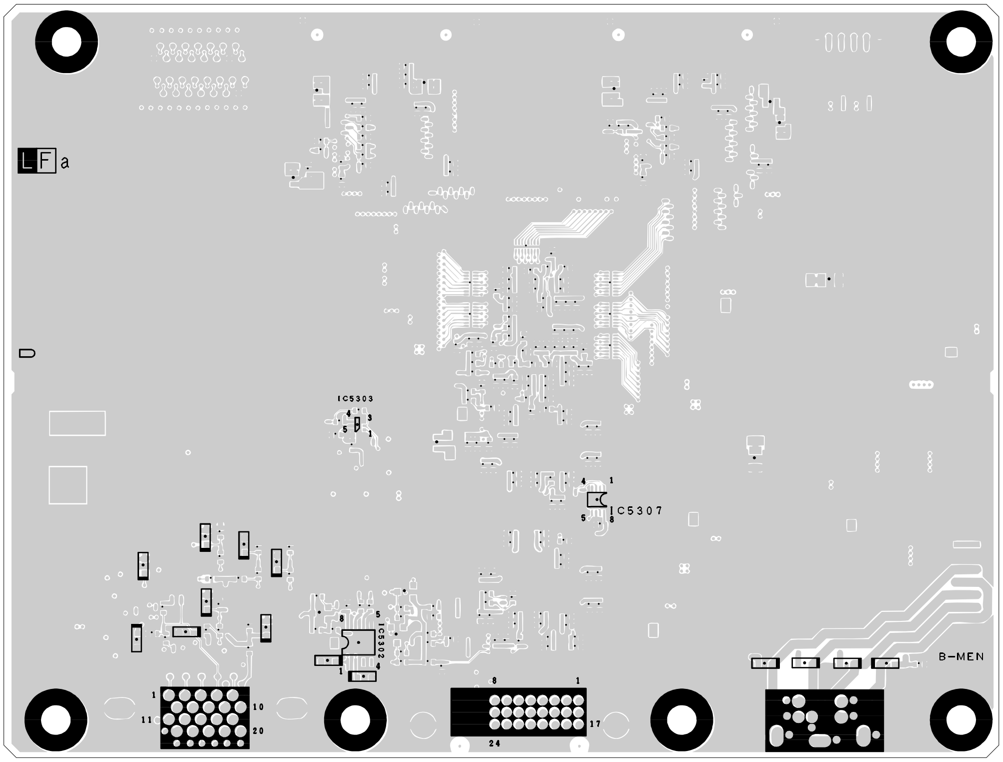

TV
P5401
E
SC5501
SC5502
D
C
LUG5305
IC5501
IC5502
C5502
C5501
C5521
C5522
C5523
SC5301
LUG5306
LFa
Sn-Ag-Cu
C5503
C5469
L5409
L5408
IC5402
C5438
C5436
C5435
C5437
CPCм M4
4
XC470WJ
KC470
L5407
C5467
IC5404
C5420
C5419
C5422
IC5304
P5301
IC5403
L5405
C5316
C5421
IC5401
C5313
IC5305
C5461
C5317
C5456
L5406
C5335
IC5306
SO
C5319
IC5301
C5301
LUG5301
LUG5302
SC5302
C5318
LUG5303
SC5303
LUG5304
A-MEN
J5301

Side-A

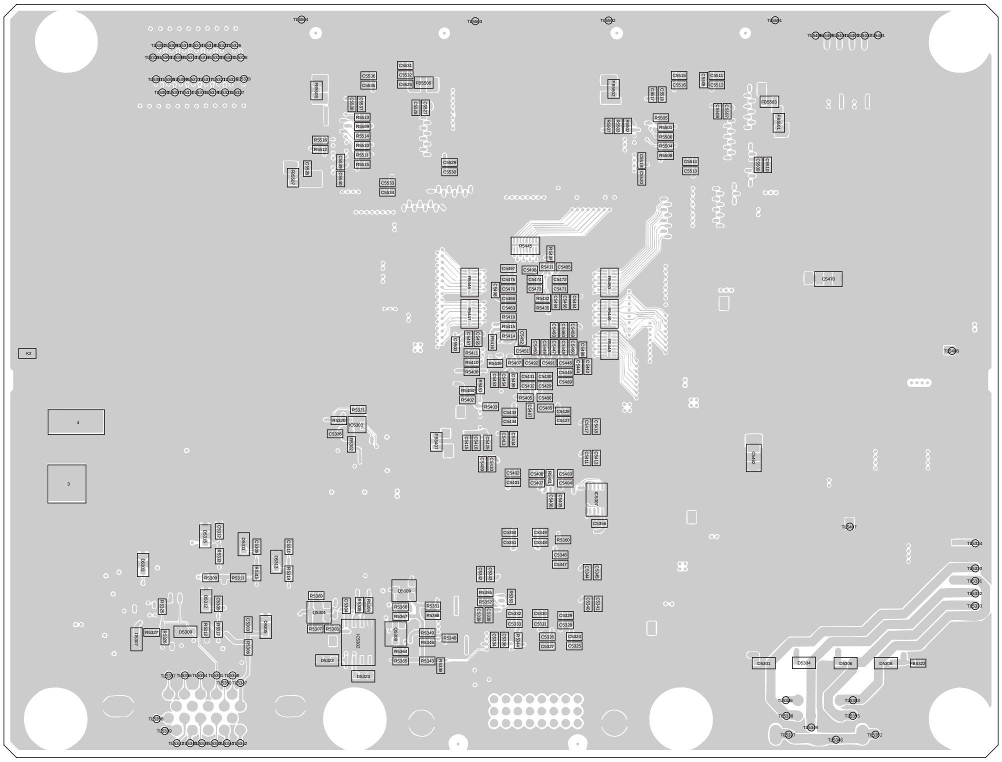

SC5501
SC5502
SC5301
P5401
IC5501
IC5502
C5521
C5522
C5523
C5469
L5409
L5408
IC5402
C5438
C5436
C5435
IC5404
L5407
L5405
C5420
C5419
C5422
IC5401
IC5403
L5406
IC5301
C5313
C5301
IC5306
C5318
J5301
SC5302
SC5303

Chip Parts Side-A

■ TMDS-RX Unit


IC5303
IC5307
IC5302
B-MEN
1
10
11
20
8
1
17
24

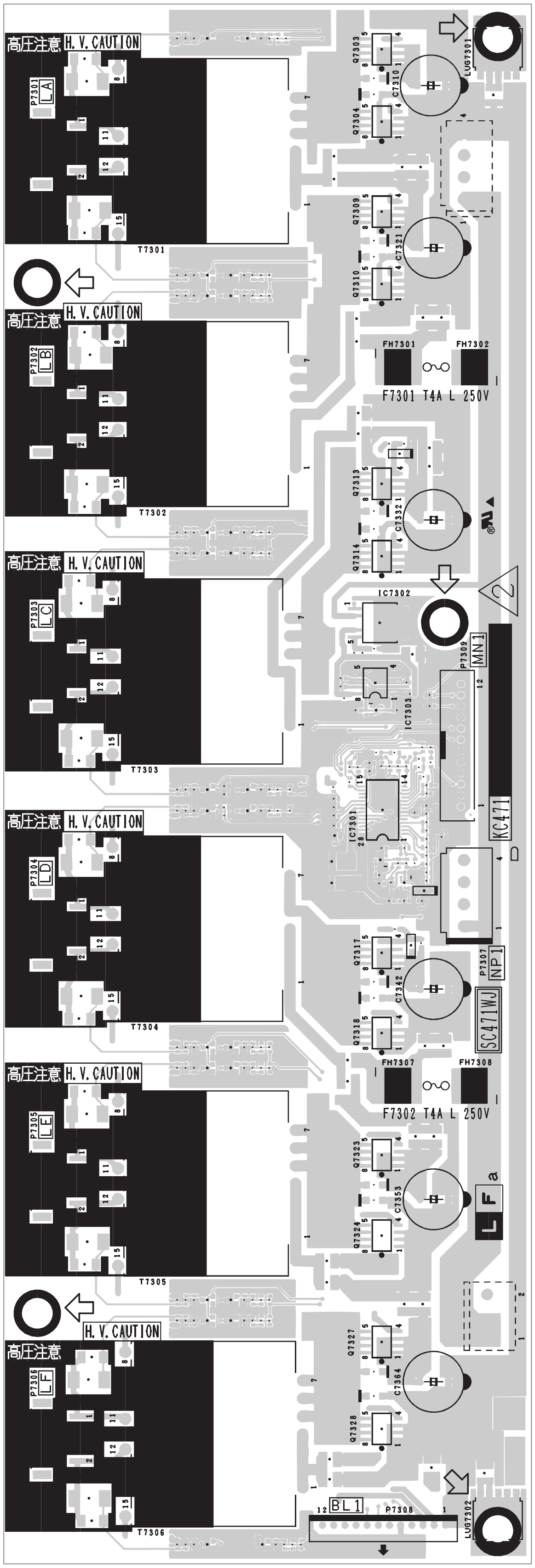
Side-B



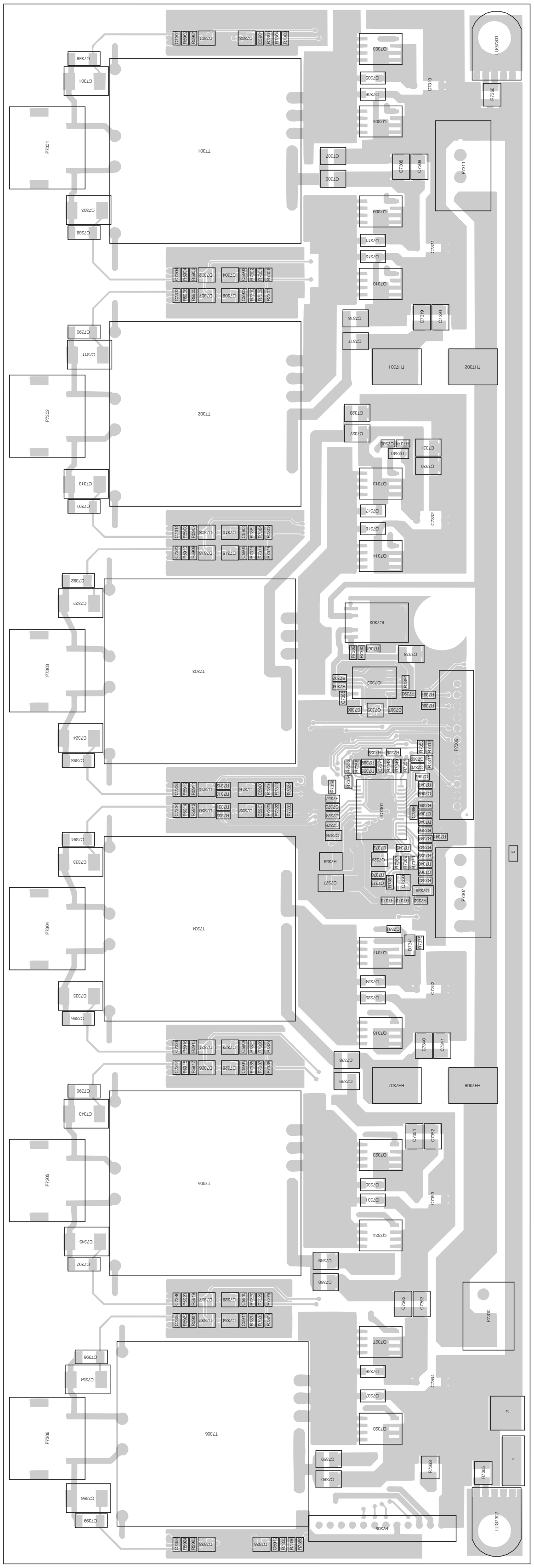
Chip Parts Side-B

H
G
F
E
D
C
B
A
1
2
3
4
5
6

■ INVERTER 1 Unit


高圧注意 H.V.CAUTION
P7301 LA
T7301
Q7303
Q7304
C7310
LUG7301
Q7309
Q7310
C7321
FH7301
FH7302
F7301 T4A L 250V
P7302 LB
T7302
Q7313
Q7314
C7332
IC7302
2
P7303 LC
T7303
P7309 MN1
IC7303
IC7301
KC471
P7304 LD
T7304
Q7317
Q7318
C7342
P7307 NP1
SC471WJ
FH7307
FH7308
F7302 T4A L 250V
P7305 LE
T7305
Q7323
Q7324
C7353
LF a
P7306 LF
T7306
Q7327
Q7328
C7364
BL1
P7308
LUG7302

Component Side

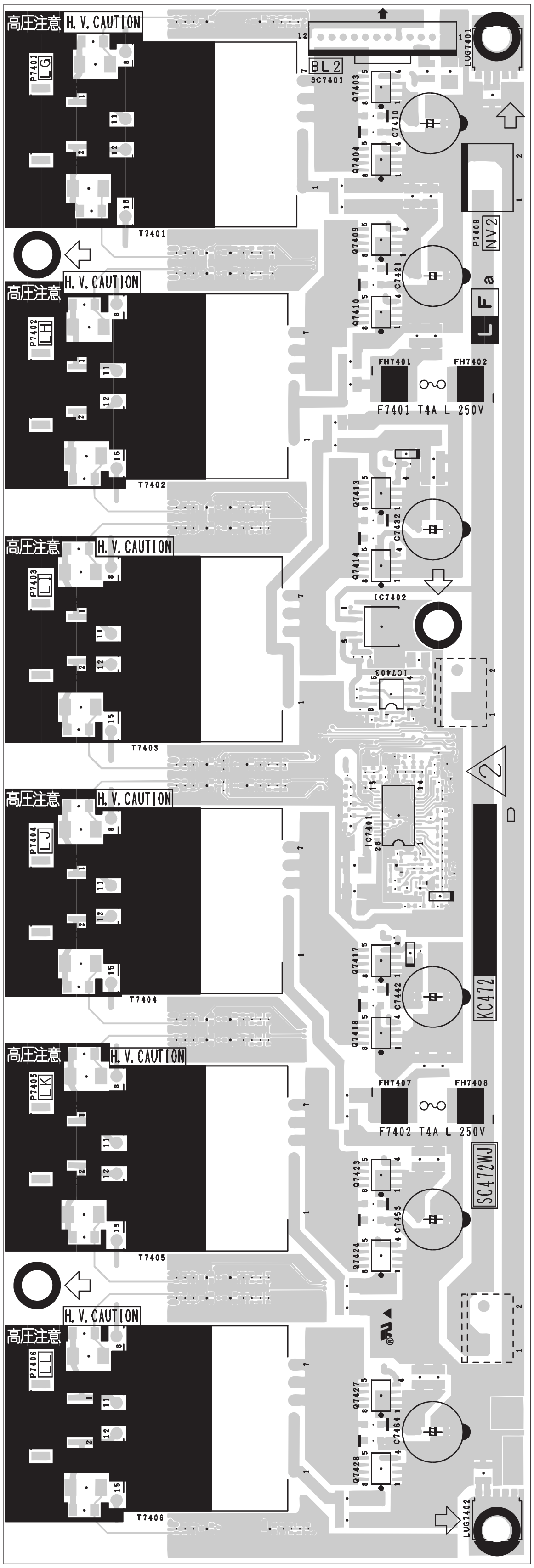


Chip Parts Side

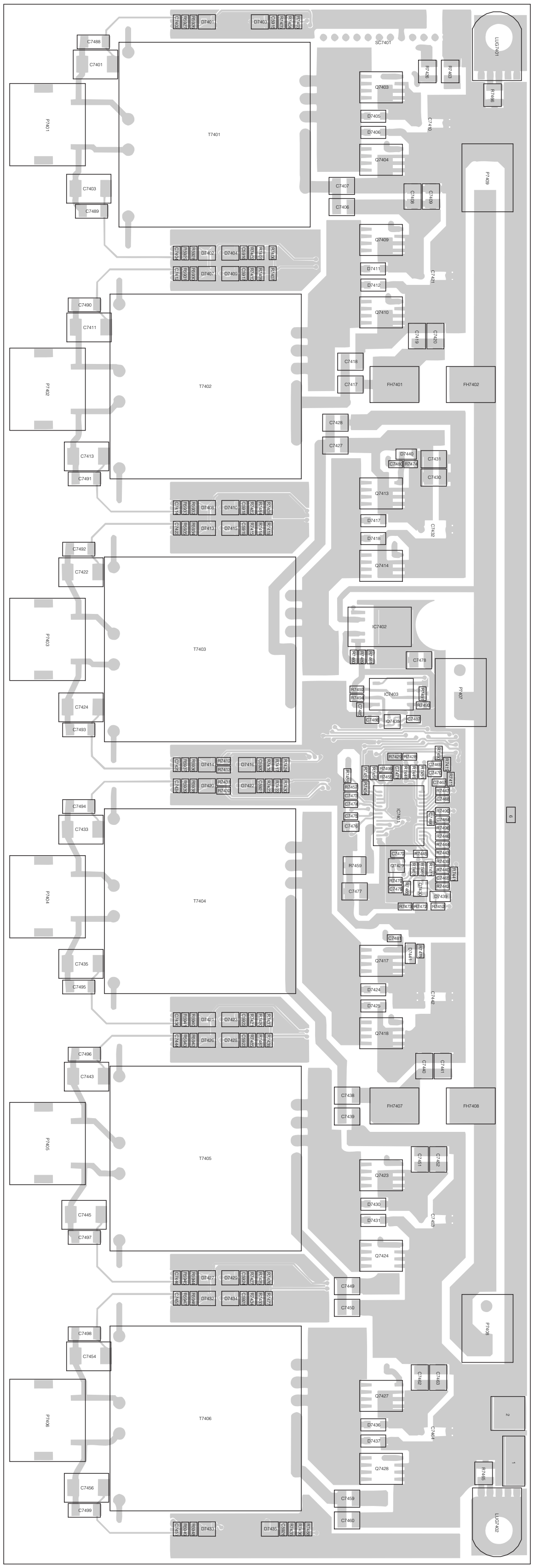
H
G
F
E
D
C
B
A

1	2	3	4	5	6

INVERTER 2 Unit


高圧注意 H.V.CAUTION
P7401 LG
T7401
P7402 LH
T7402
P7403 LJ
T7403
P7404 LJ
T7404
P7405 LK
T7405
P7406 LL
T7406
BL2
SC7401
LUG7401
LUG7402
P7409 NV2
Q7403
Q7404
Q7409
Q7410
Q7413
Q7414
Q7417
Q7418
Q7423
Q7424
Q7427
Q7428
C7410
C7421
C7432
C7442
C7453
C7464
FH7401
FH7402
F7401 T4A L 250V
FH7407
FH7408
F7402 T4A L 250V
IC7402
IC7403
IC7401
KC472
SC472WJ
L F a
H
G
F
E
D
C
B
A
1
2
3

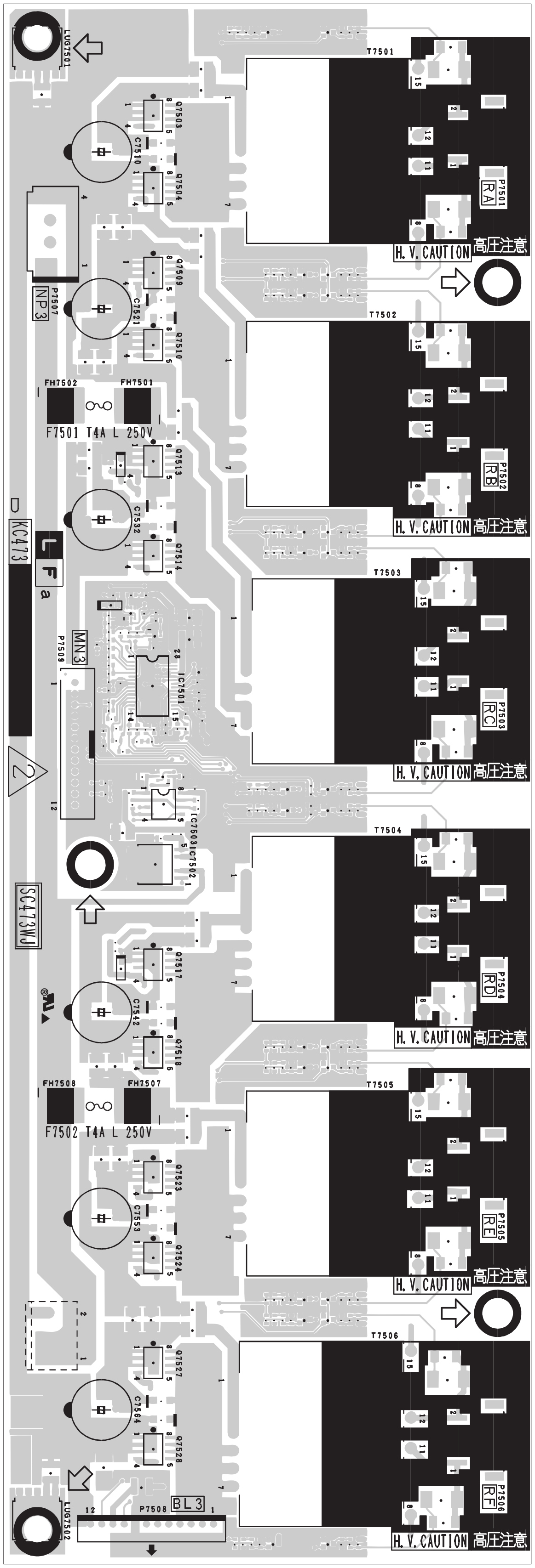
Component Side


T7401
T7402
T7403
T7404
T7405
T7406
P7401
P7402
P7403
P7404
P7405
P7406
FH7401
FH7402
FH7407
FH7408
IC7402
IC7403
IC7401
SC7401
LUG7401
LUG7402
4
5
6

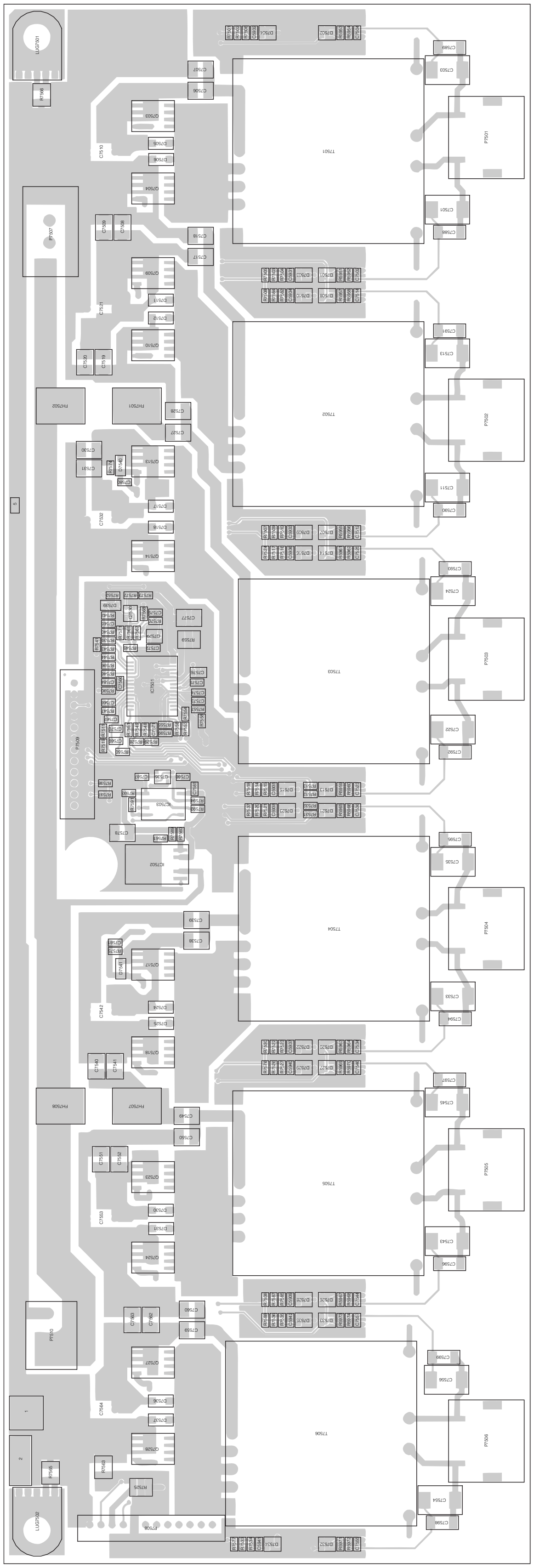
Chip Parts Side

■ INVERTER 3 Unit

H
G
F
E
D
C
B
A


LUG7501
T7501
Q7503
C7510
Q7504
P7501
RA
H.V.CAUTION 高圧注意
Q7509
P7507
NP3
C7521
Q7510
T7502
FH7502
FH7501
F7501 T4A L 250V
Q7513
P7502
RB
C7532
Q7514
KC473
L
F
a
T7503
P7509
MN3
IC7501
P7503
RC
IC7503
IC7502
T7504
SC473WJ
Q7517
C7542
Q7518
P7504
RD
FH7508
FH7507
F7502 T4A L 250V
T7505
Q7523
C7553
Q7524
P7505
RE
T7506
Q7527
C7564
Q7528
P7506
RF
P7508
BL3
LUG7502

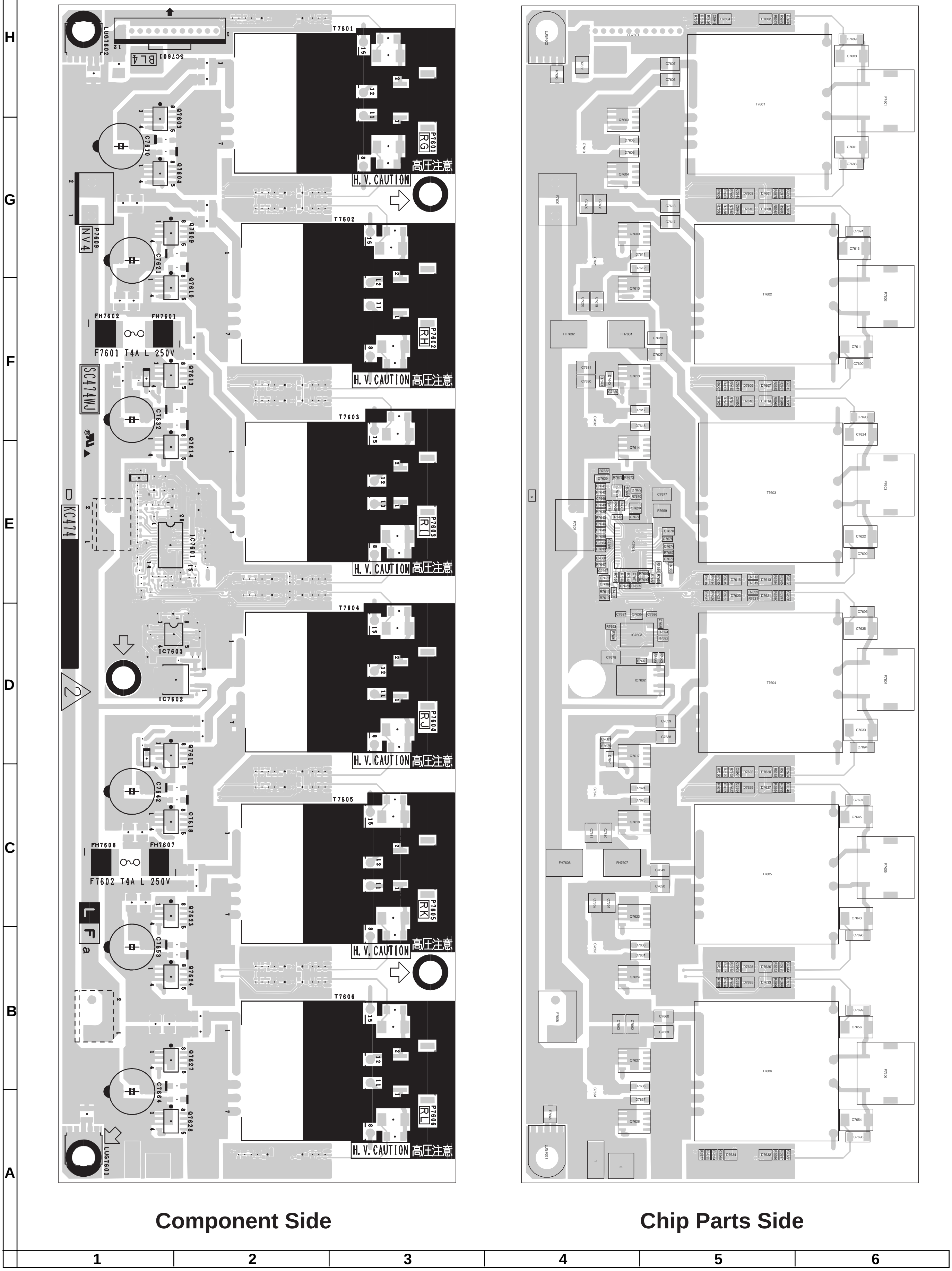
Component Side


T7501
T7502
T7503
T7504
T7505
T7506
P7501
P7502
P7503
P7504
P7505
P7506
FH7501
FH7502
FH7507
FH7508
IC7501
IC7502
IC7503
P7509
P7508

Chip Parts Side

1
2
3
4
5
6

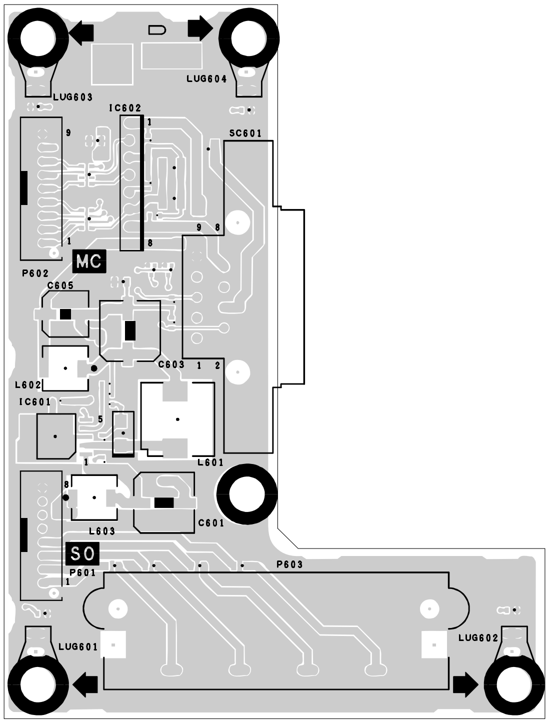
INVERTER 4 Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG7602
SC7601
BL4
T7601
Q7603
C7610
Q7604
P7601
RG
H.V.CAUTION
高圧注意
P7609
NV4
T7602
Q7609
C7621
Q7610
FH7602
FH7601
F7601 T4A L 250V
P7602
RH
SC474WJ
Q7613
C7632
Q7614
T7603
KC474
IC7601
P7603
RI
T7604
IC7603
IC7602
P7604
RJ
Q7617
C7642
Q7618
T7605
FH7608
FH7607
F7602 T4A L 250V
P7605
RK
L
F
a
Q7623
C7653
Q7624
T7606
Q7627
C7664
Q7628
P7606
RL
LUG7601
T7601
T7602
T7603
T7604
T7605
T7606
P7601
P7602
P7603
P7604
P7605
P7606
FH7602
FH7601
FH7608
FH7607
IC7601
IC7602
IC7603

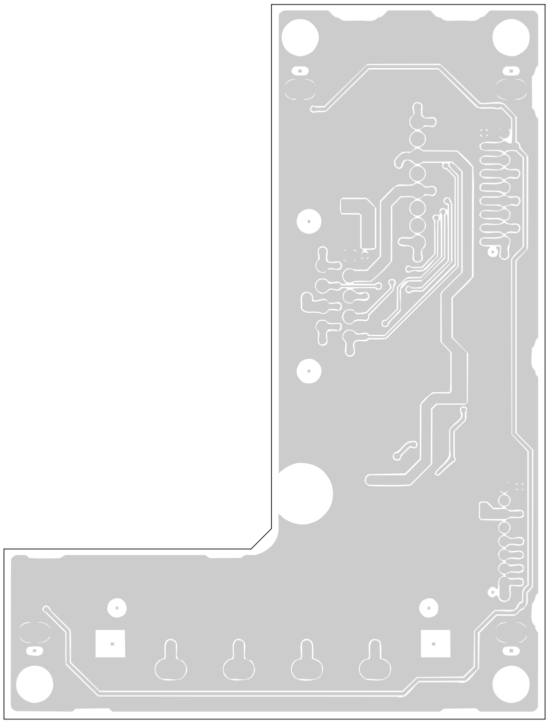
Component Side

Chip Parts Side

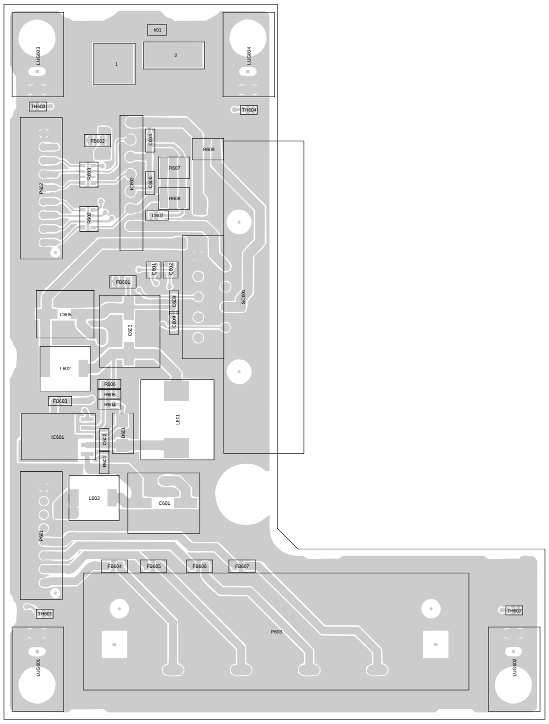
MOTOR CONTROL Unit


LUG603
LUG604
IC602
SC601
MC
P602
C605
C603
L602
IC601
L601
L603
C601
SO
P601
P603
LUG601
LUG602

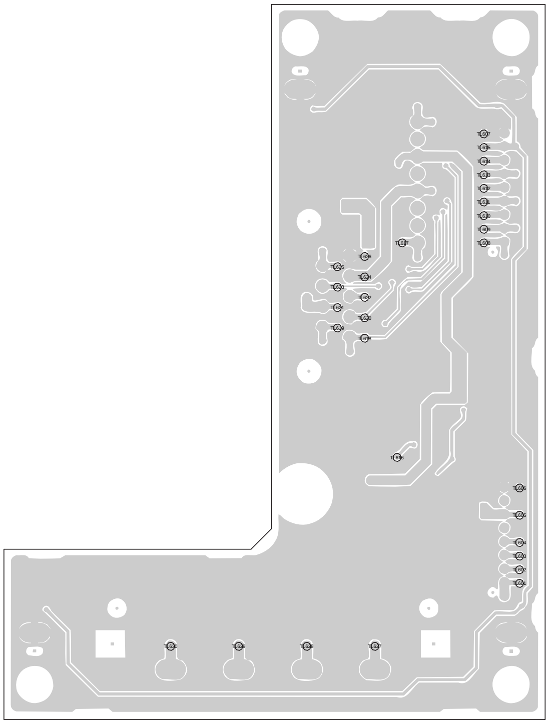
Side-A



Side-B


LUG603
LUG604
P602
IC602
C605
C603
L602
IC601
L601
L603
C601
P601
P603
LUG601
LUG602

Chip Parts Side-A

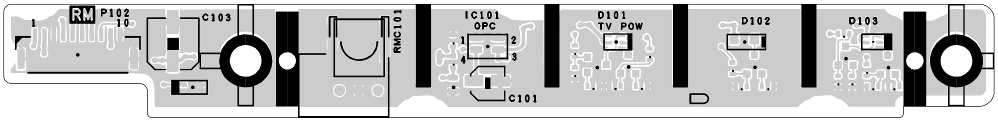


Chip Parts Side-B

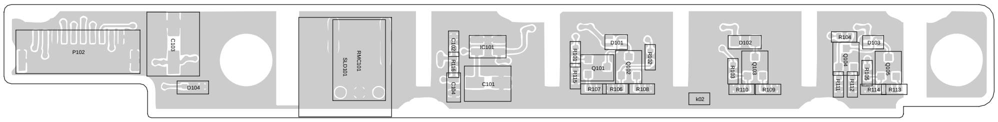
H
G
F
E
D
C
B
A

1 2 3 4 5 6

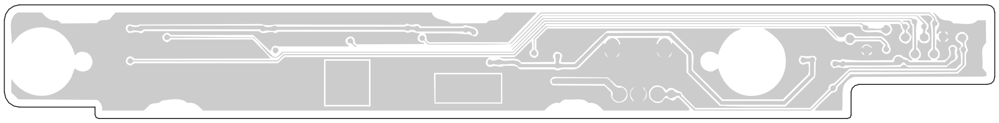
R/C LED Unit


RM
P102
1
10
C103
RMC101
IC101
OPC
1
2
3
4
C101
D101
TV POW
D102
D103

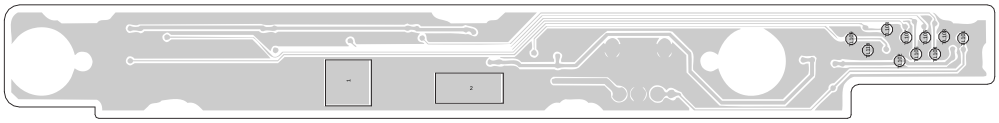
Side-A


P102
C103
Q104
RMC101
IC101
C101
D101
Q101
R107
R106
R108
D102
R110
R109
D103
R114
R113

Chip Parts Side-A

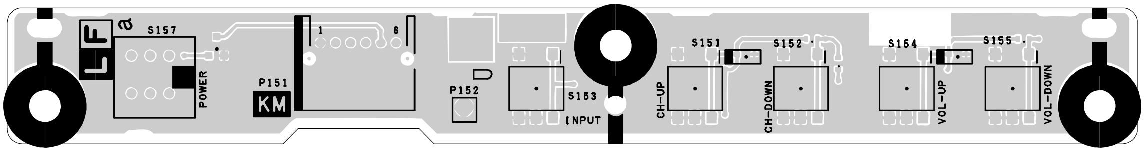


Side-B

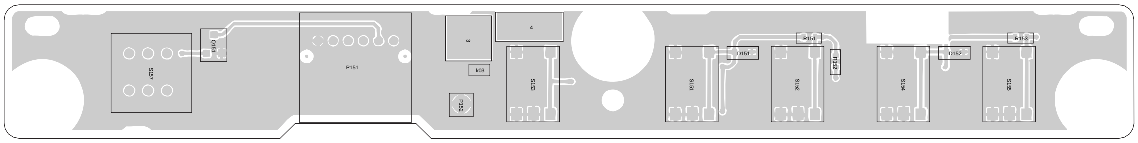


Chip Parts Side-B

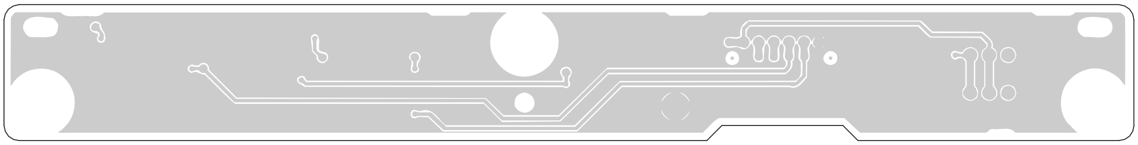
KEY Unit


LF
S157
POWER
P151
KM
1
6
P152
S153
INPUT
S151
CH-UP
S152
CH-DOWN
S154
VOL-UP
S155
VOL-DOWN

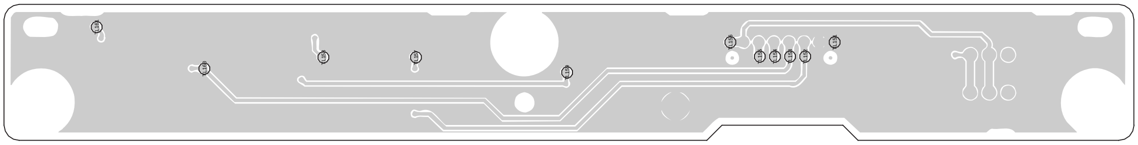
Side-A


S157
P151
P152
S153
S151
D151
R151
S152
R152
S154
D152
R153
S155

Chip Parts Side-A



Side-B

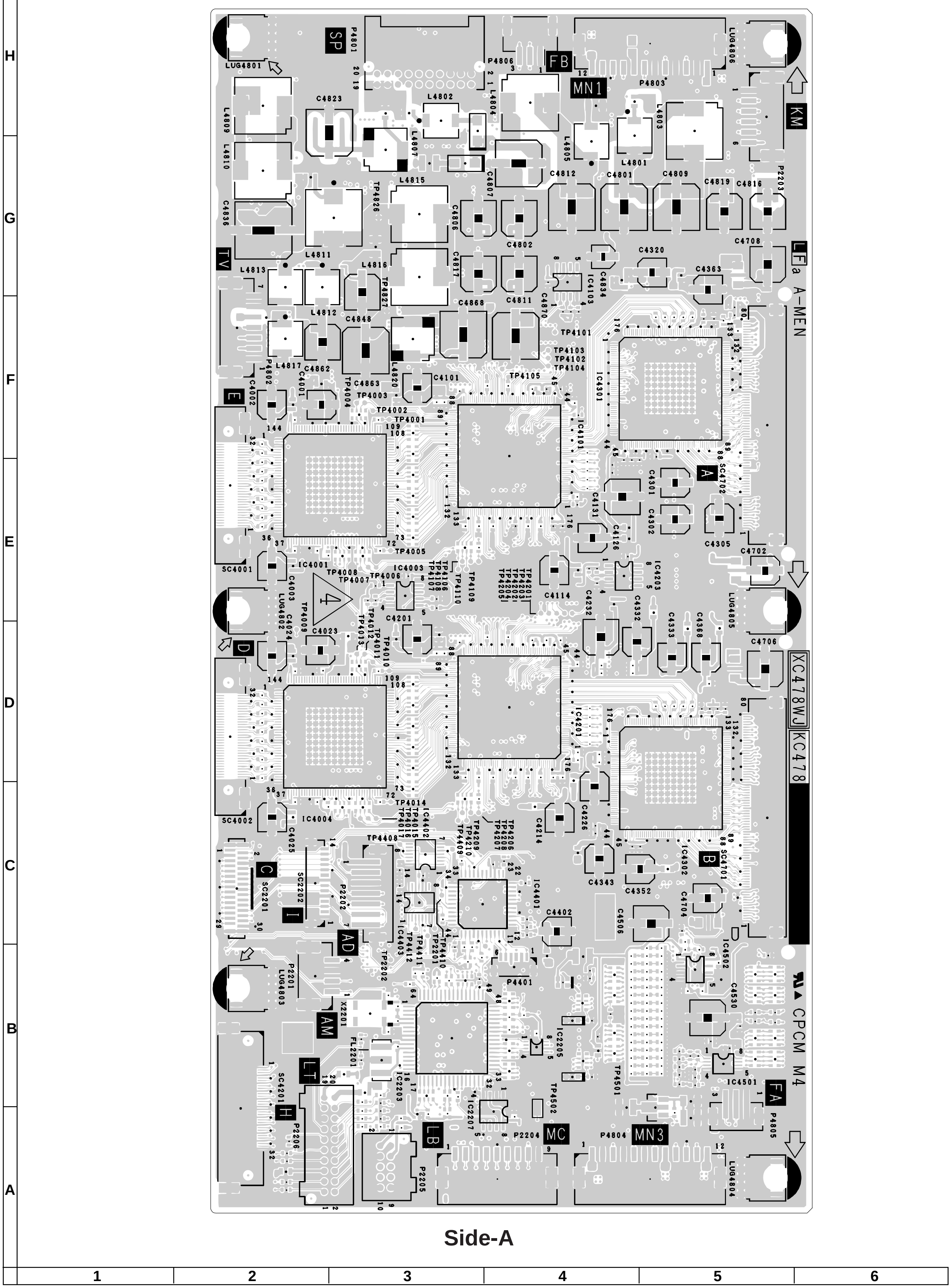


Chip Parts Side-B

H
G
F
E
D
C
B
A

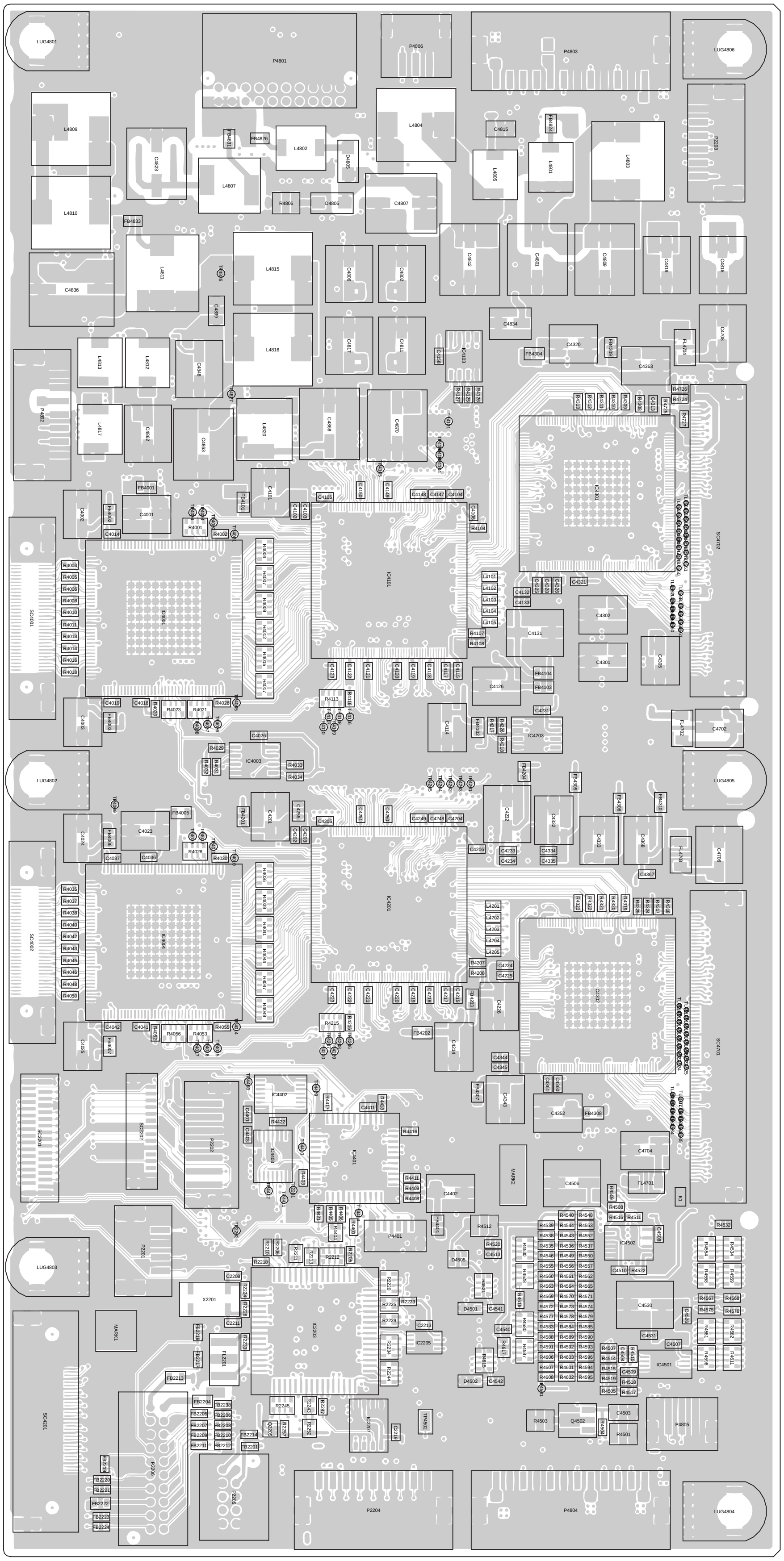
1 2 3 4 5 6

■ TOP LCD CONTROLLER Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
SP
FB
MN1
KM
TV
LF
A-MEN
E
A
D
XC478WJ
KC478
C
I
AD
B
AM
LT
H
LB
MC
MN3
FA
CPCM M4
LUG4801
LUG4802
LUG4803
LUG4804
LUG4805
LUG4806
P4801
P4802
P4803
P4804
P4805
P4806
P2201
P2202
P2203
P2204
P2205
P2206
P4401
IC4001
IC4003
IC4004
IC4101
IC4103
IC4201
IC4203
IC4301
IC4302
IC4401
IC4402
IC4403
IC4501
IC4502
IC2203
IC2205
IC2207
SC4001
SC4002
SC4701
SC4702
SC2201
SC2202
SC4201
X2201
FL2201
L4801
L4802
L4803
L4804
L4805
L4807
L4809
L4810
L4811
L4812
L4813
L4815
L4816
L4817
L4820
C4801
C4802
C4806
C4807
C4809
C4811
C4812
C4816
C4817
C4819
C4823
C4834
C4836
C4848
C4862
C4863
C4868
C4870
C4001
C4002
C4003
C4023
C4024
C4025
C4101
C4114
C4126
C4131
C4201
C4214
C4226
C4232
C4301
C4302
C4305
C4320
C4332
C4333
C4343
C4352
C4363
C4368
C4402
C4506
C4530
C4702
C4704
C4706
C4708
TP4001
TP4002
TP4003
TP4004
TP4005
TP4006
TP4007
TP4008
TP4009
TP4010
TP4011
TP4012
TP4013
TP4014
TP4015
TP4016
TP4101
TP4102
TP4103
TP4104
TP4105
TP4106
TP4107
TP4108
TP4109
TP4110
TP4201
TP4202
TP4203
TP4204
TP4205
TP4206
TP4207
TP4208
TP4209
TP4210
TP4408
TP4409
TP4410
TP4411
TP4412
TP4501
TP4502
TP4826
TP4827
TP2201
TP2202

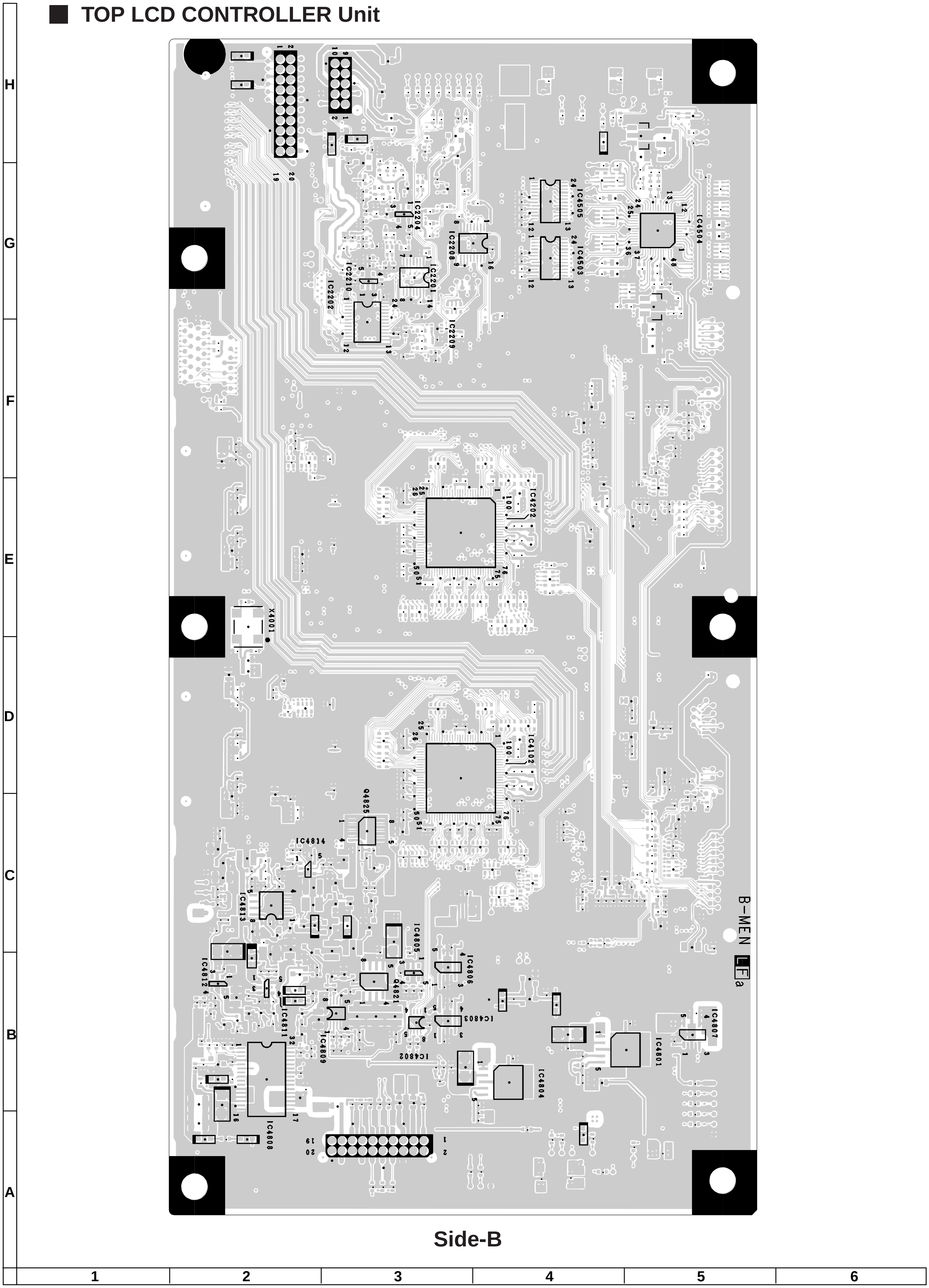
Side-A

■ TOP LCD CONTROLLER Unit


LUG4801
P4801
P4806
P4803
LUG4806
L4809
L4810
L4802
L4804
L4807
L4803
C4807
C4836
L4811
L4815
L4816
C4834
C4320
C4363
FB4001
C4001
R4001
IC4001
IC4101
IC4301
SC4001
SC4302
C4302
C4131
C4301
C4126
IC4203
C4702
LUG4802
IC4003
LUG4805
C4023
R4028
IC4201
IC4004
SC4002
IC4302
SC4301
C4352
IC4402
IC4401
P2202
SC2202
SC2201
C4704
FL4701
C4506
C4402
P2201
P4401
LUG4803
X2201
IC2203
IC2205
C4530
IC4501
MARK1
MARK2
SC4201
Q4502
C4503
R4501
R4503
P4805
P2204
P4804
LUG4804
H
G
F
E
D
C
B
A
1
2
3
4
5
6

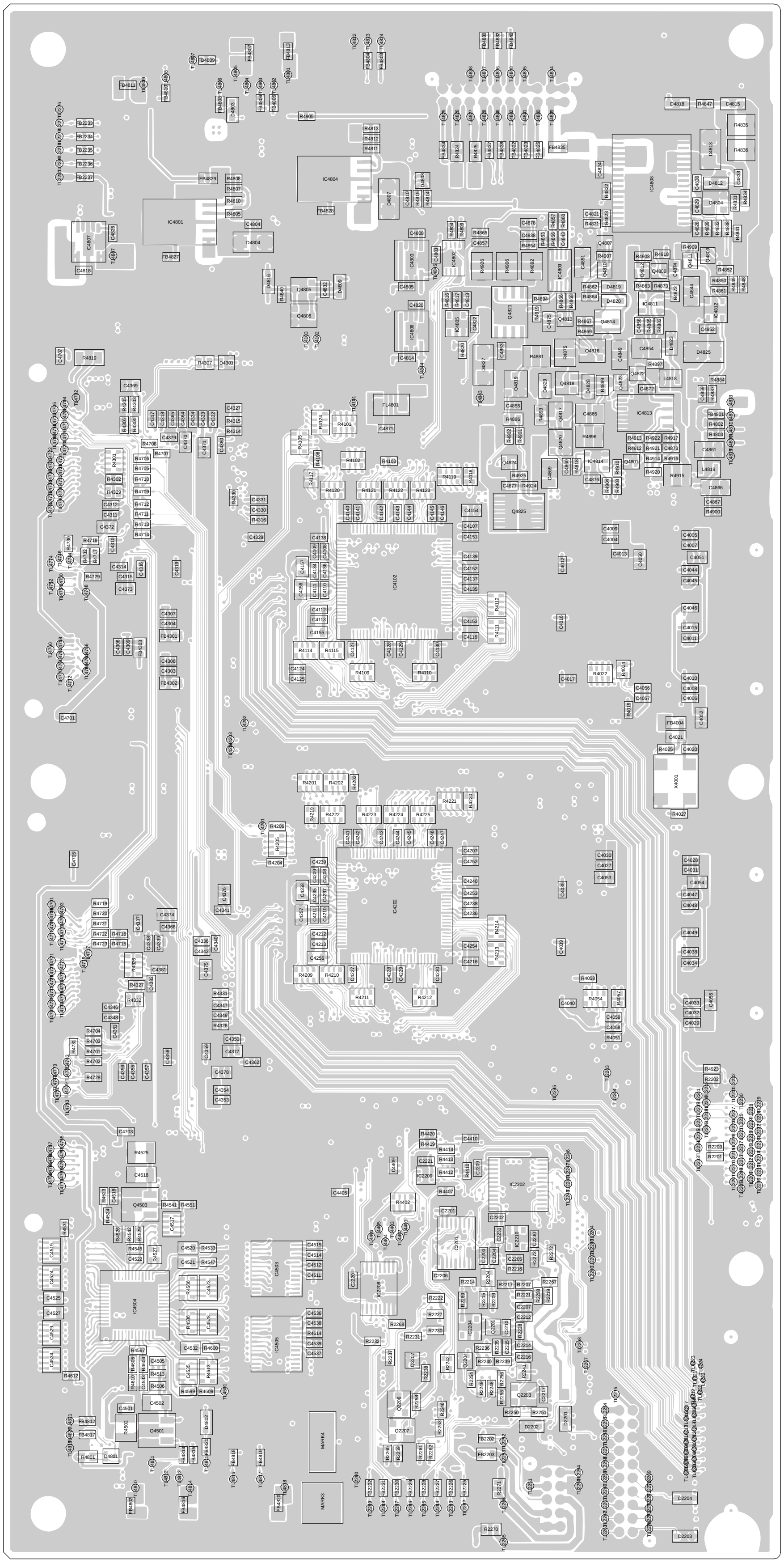
Chip Parts Side-A

■ TOP LCD CONTROLLER Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
IC4504
IC4505
IC4503
IC2204
IC2208
IC2201
IC2210
IC2202
IC2209
IC4202
IC4102
X4001
Q4825
IC4814
IC4813
IC4812
IC4811
IC4809
IC4805
IC4806
IC4821
IC4803
IC4802
IC4804
IC4801
IC4807
IC4808
B-MEN

Side-B

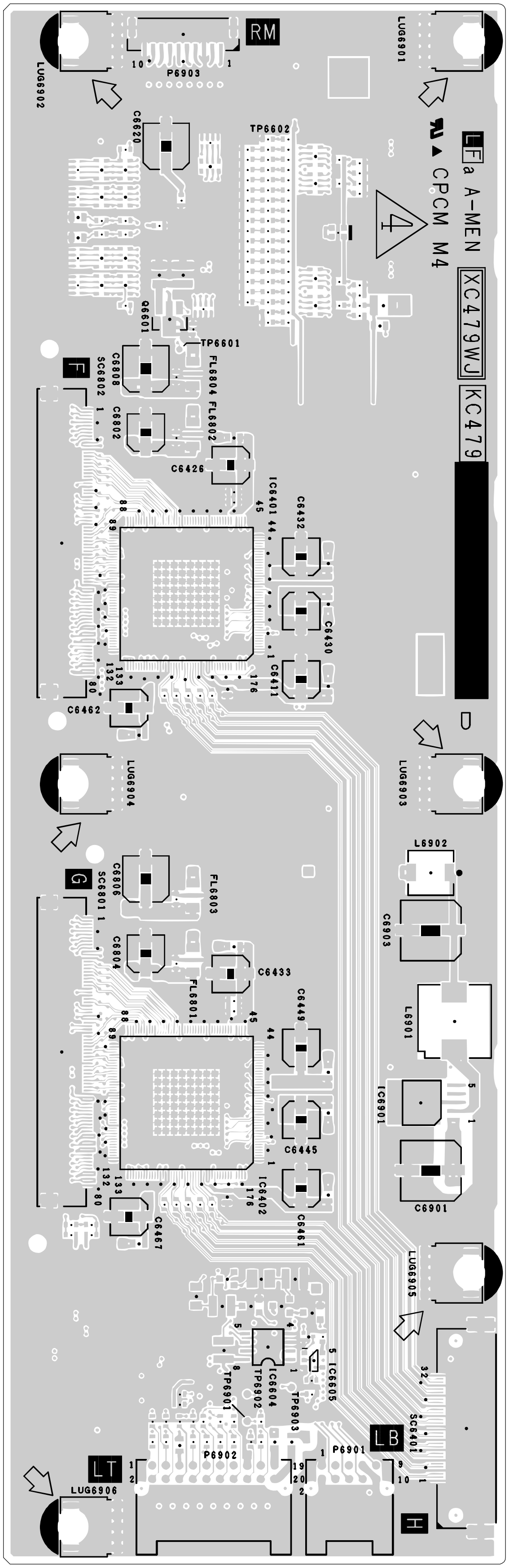
TOP LCD CONTROLLER Unit



Chip Parts Side-B

H
G
F
E
D
C
B
A
1
2
3
4
5
6

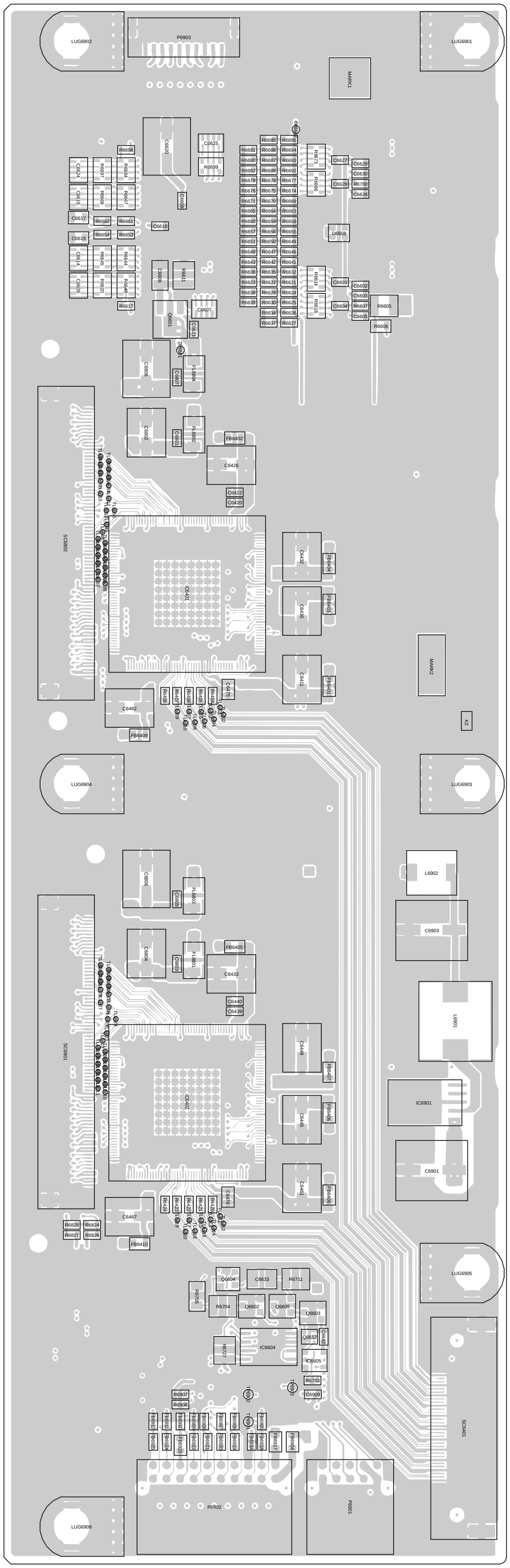
■ BOTTOM LCD CONTROLLER Unit


RM
LUG6902
P6903
10
1
LUG6901
C6620
TP6602
LF
a A-MEN
CPCM M4
4
XC479WJ
KC479
Q6601
TP6601
F
C6808
SC6802
FL6804
FL6802
C6802
C6426
IC6401
88
89
45
44
C6432
C6430
C6411
133
132
80
176
C6462
LUG6904
LUG6903
L6902
G
C6806
SC6801
FL6803
C6903
C6804
C6433
FL6801
C6449
L6901
IC6901
5
C6445
IC6402
C6467
C6461
C6901
LUG6905
IC6604
TP6902
TP6901
TP6903
IC6605
SC6401
32
LB
P6901
P6902
19
20
2
9
10
LT
LUG6906
H

Side-A

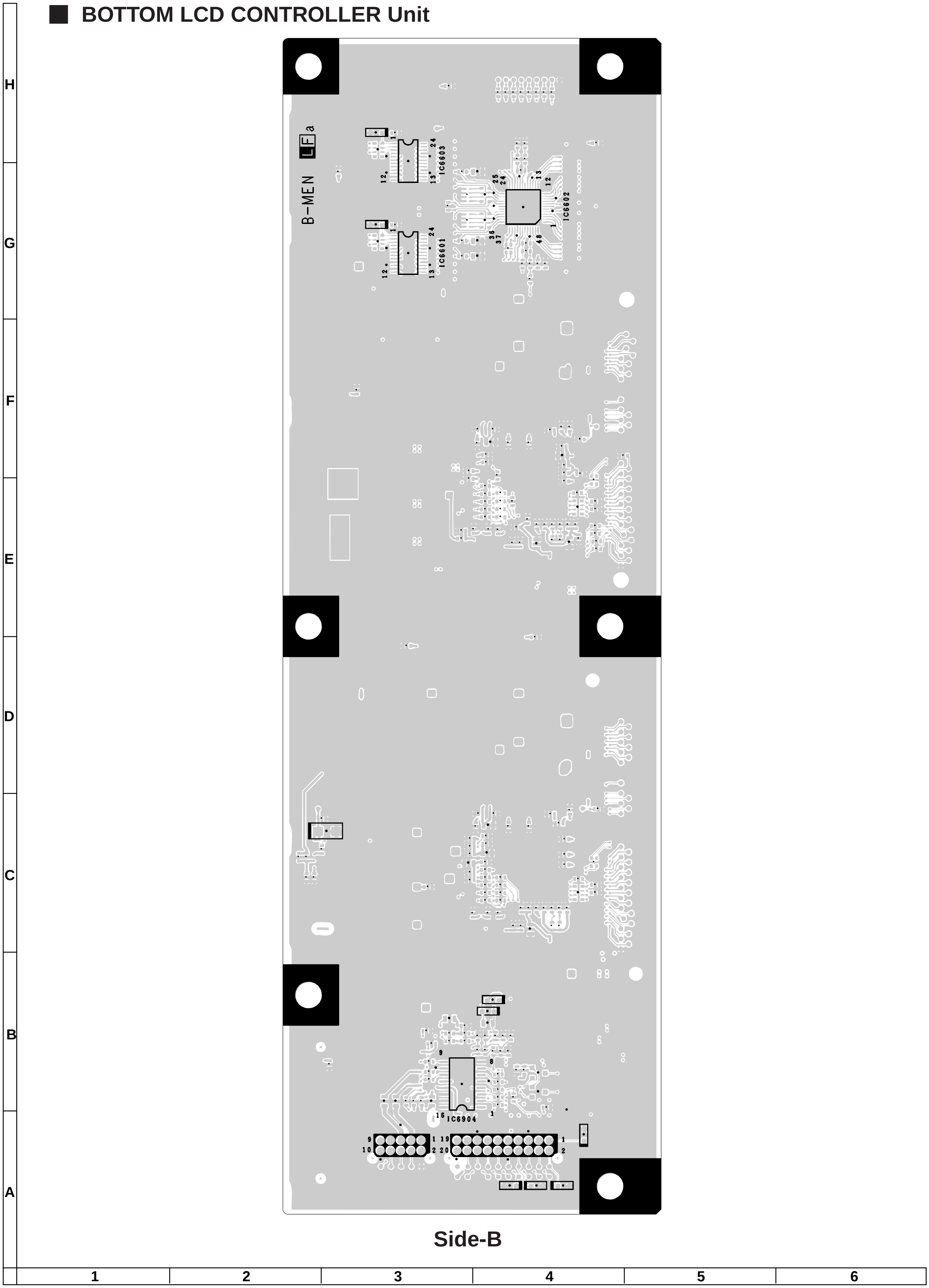
H
G
F
E
D
C
B
A
1
2
3
4
5
6

BOTTOM LCD CONTROLLER Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG6902
P6903
LUG6901
MARK1
C6620
C6625
R6699
C6608
C6607
C6606
C6616
C6617
C6615
R6611
R6617
Q6601
C6805
C6802
FB6402
C6426
C6422
C6420
SC6802
IC6401
C6442
C6430
C6411
C6475
C6462
FB6409
MARK2
LUG6904
LUG6903
L6902
C6903
L6901
C6806
C6804
FB6405
C6433
C6440
C6439
SC6801
IC6402
C6448
C6445
C6461
C6479
C6467
FB6410
IC6901
C6901
LUG6905
Q6604
C6633
R6711
R6704
Q6602
Q6605
Q6603
IC6604
IC6605
R6703
R6907
R6906
SC6401
P6702
P6901
LUG6906

Chip Parts Side-A

■ BOTTOM LCD CONTROLLER Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
B-MEN
LFa
IC6603
IC6601
IC6602
IC6904
1
12
13
24
25
36
37
48
9
8
16
10
2
19
20

Side-B

BOTTOM LCD CONTROLLER Unit

H

G

F

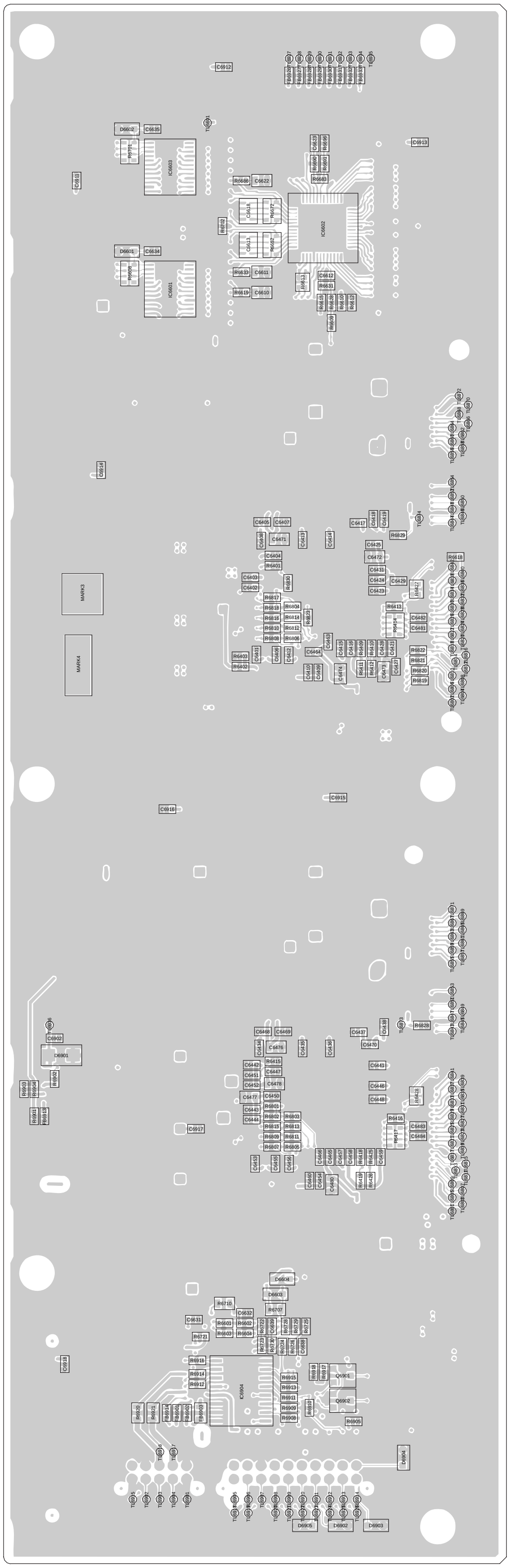
E

D

C

B

A

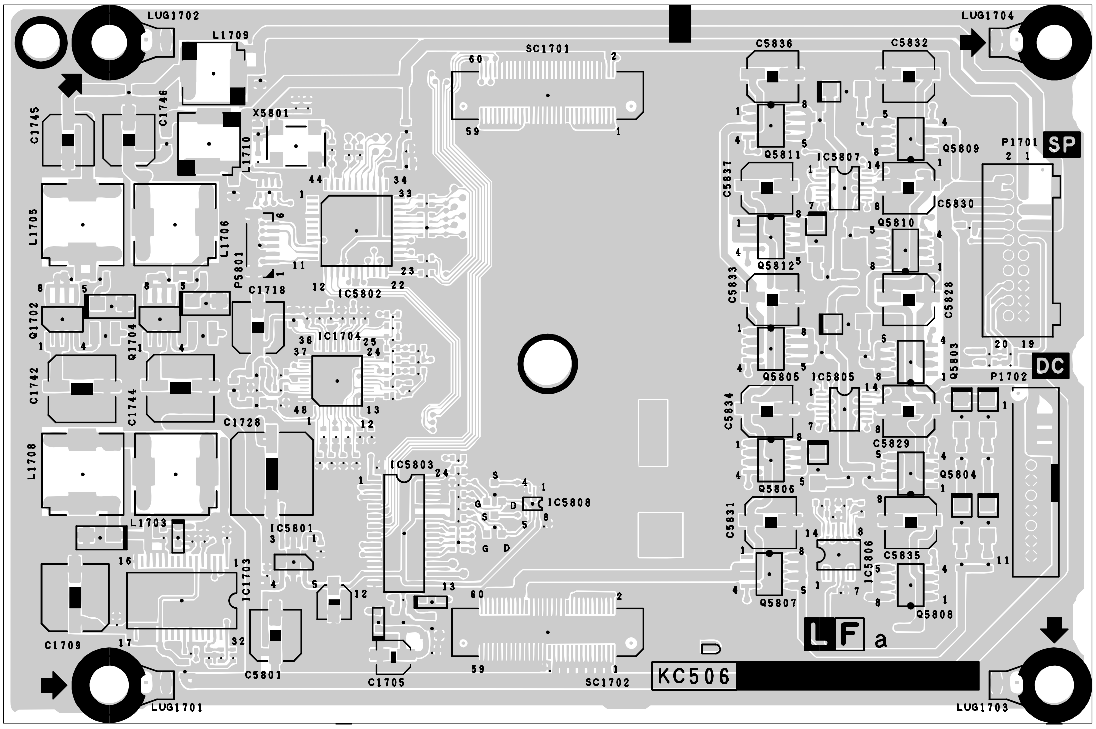

IC6603
IC6602
IC6601
IC6604
MARK3
MARK4
D6602
D6601
D6901
D6904
D6905
D6902
D6903
C6912
C6913
C6915
C6916
C6917
C6918
Q6901
Q6902

Chip Parts Side-B

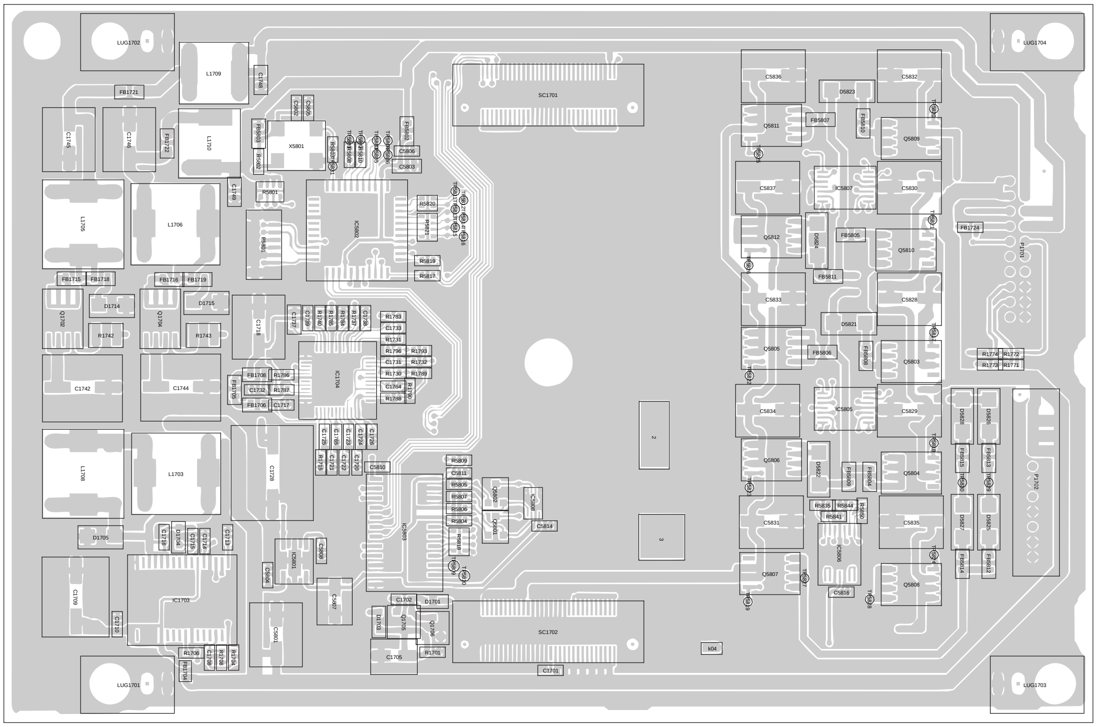
1 2 3 4 5 6

DC/DC Unit

H
G
F
E
D
C
B
A


LUG1702
L1709
SC1701
60
2
59
1
C5836
C5832
LUG1704
X5801
C1745
C1746
L1710
Q5811
IC5807
Q5809
P1701
SP
C5837
C5830
L1705
L1706
P5801
IC5802
Q5810
Q5812
C5833
C5828
Q1702
Q1704
C1718
IC1704
Q5803
C1742
C1744
Q5805
IC5805
P1702
DC
C5834
C1728
C5829
L1708
IC5803
IC5808
Q5804
L1703
IC5801
Q5806
C5831
C5835
IC5806
IC1703
Q5807
Q5808
C1709
LF a
C5801
C1705
SC1702
KC506
LUG1701
LUG1703

Side-A



Chip Parts Side-A

1	2	3	4	5	6

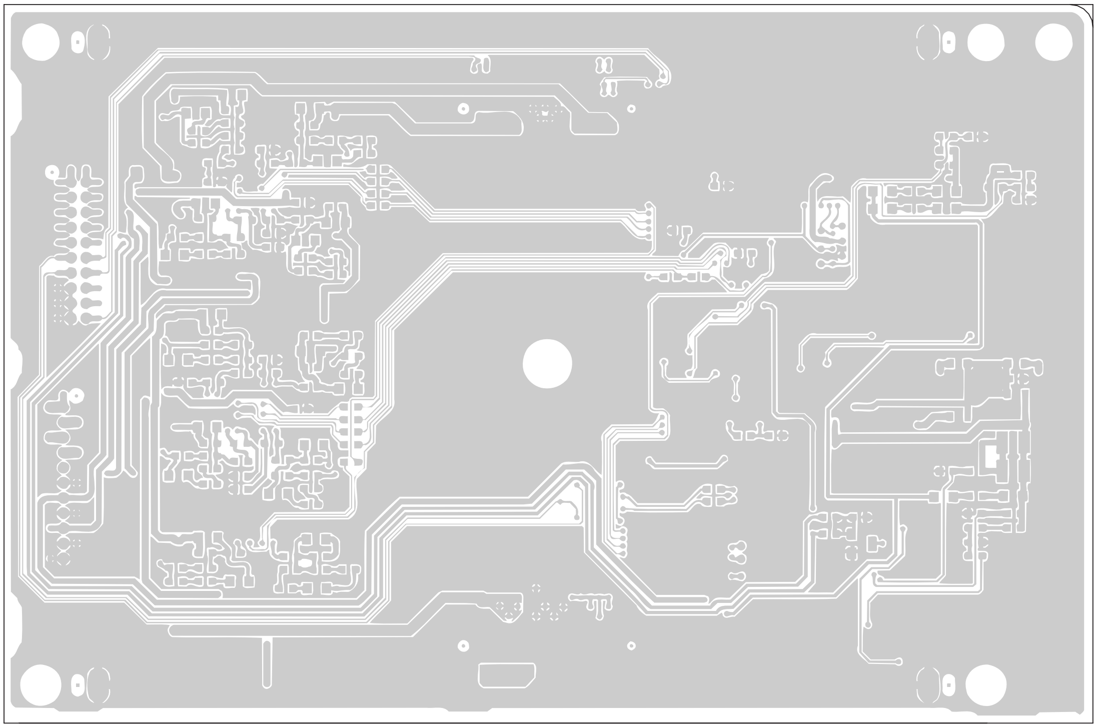
DC/DC Unit

H

G

F

E



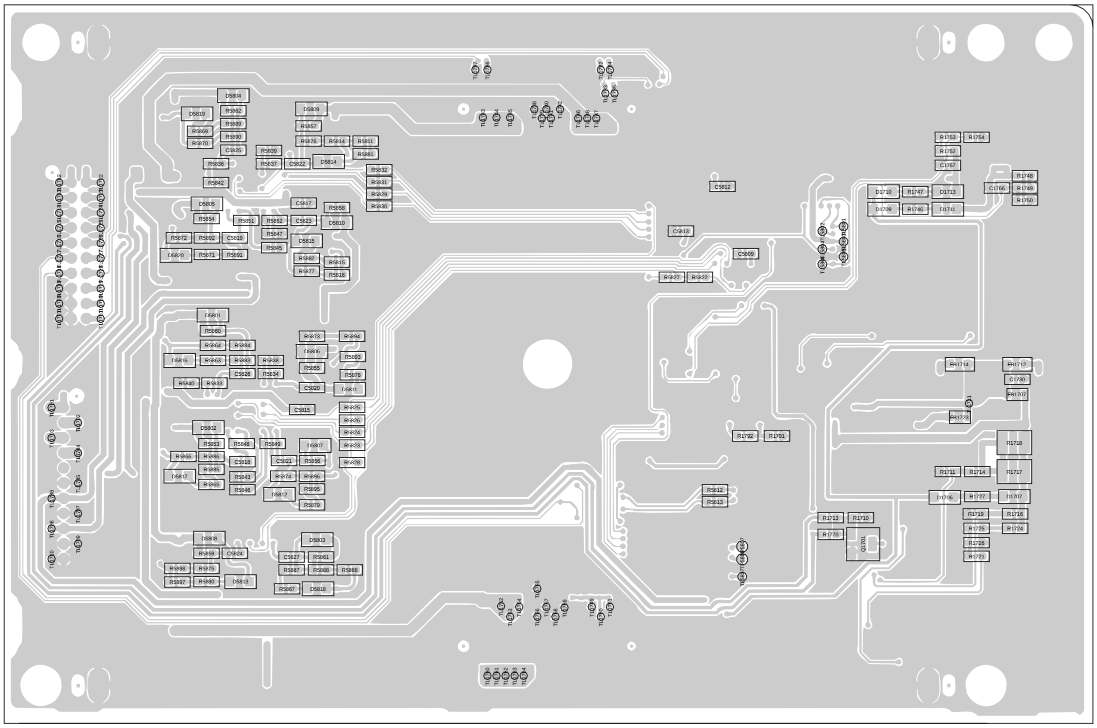
Side-B

D

C

B

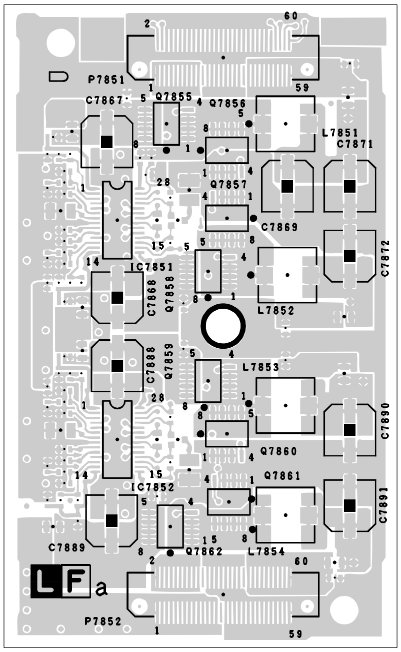
A

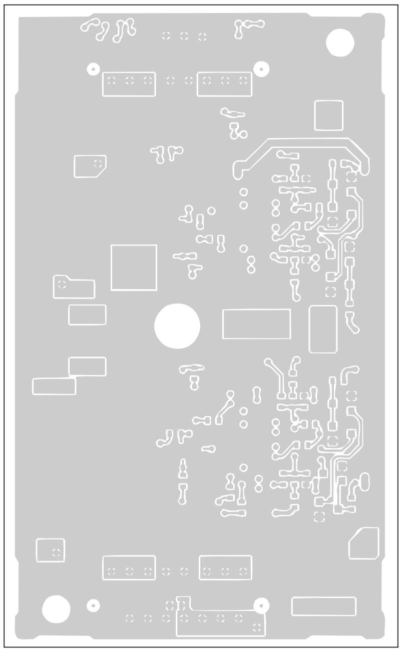

D5804
D5819
R5862
R5889
R5869
R5890
R5870
C5825
R5836
R5842
D5809
R5857
R5876
R5814
R5811
R5881
R5839
R5837
C5822
D5814
R5832
R5831
R5829
R5830
D5805
R5854
C5817
R5858
R5851
R5852
C5823
D5810
R5872
R5892
C5819
R5847
D5815
D5820
R5871
R5891
R5845
R5882
R5877
R5815
R5816
D5801
R5860
R5864
R5884
D5816
R5863
R5883
R5838
C5826
R5834
R5840
R5833
R5873
R5894
D5806
R5893
R5855
R5878
C5820
D5811
C5815
R5825
R5826
R5824
R5823
D5802
R5853
R5848
R5849
D5807
R5866
R5886
C5818
C5821
R5856
R5828
R5885
D5817
R5843
R5874
R5896
R5865
R5846
D5812
R5895
R5879
D5808
R5859
C5824
D5803
C5827
R5861
R5898
R5875
R5887
R5888
R5868
R5897
R5880
D5813
R5867
D5818
C5812
C5813
C5809
R5827
R5822
R1792
R1791
R5812
R5813
R1753
R1754
R1752
C1767
D1710
R1747
D1713
C1766
R1748
R1749
R1750
D1709
R1746
D1711
FB1714
FB1712
C1730
FB1707
FB1723
R1718
R1711
R1714
R1717
D1706
R1727
D1707
R1713
R1710
R1719
R1716
R1770
Q1701
R1725
R1724
R1726
R1721

Chip Parts Side-B

1	2	3	4	5	6

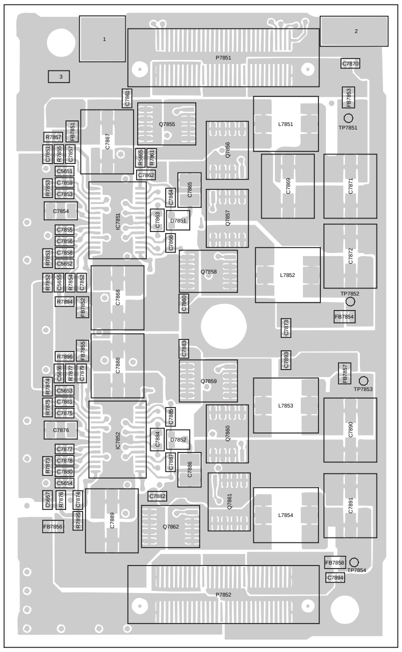
CS CONTROL Unit

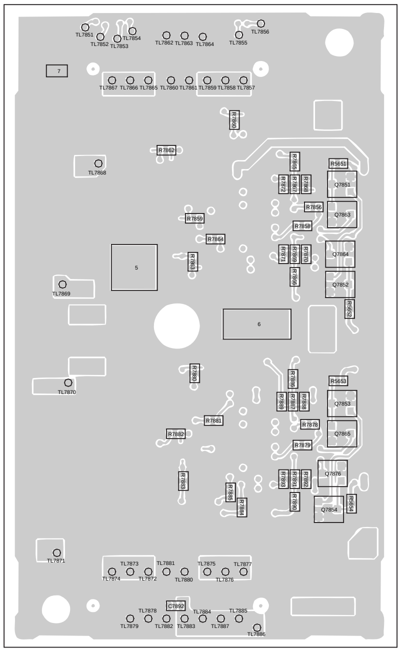

2
60
P7851
1
59
C7867
5
Q7855
4
Q7856
L7851
C7871
Q7857
28
C7869
15
C7872
14
IC7851
C7868
Q7858
L7852
L7853
C7888
Q7859
C7890
Q7860
Q7861
IC7852
C7891
C7889
Q7862
L7854
LFa
P7852



Side-A

Side-B





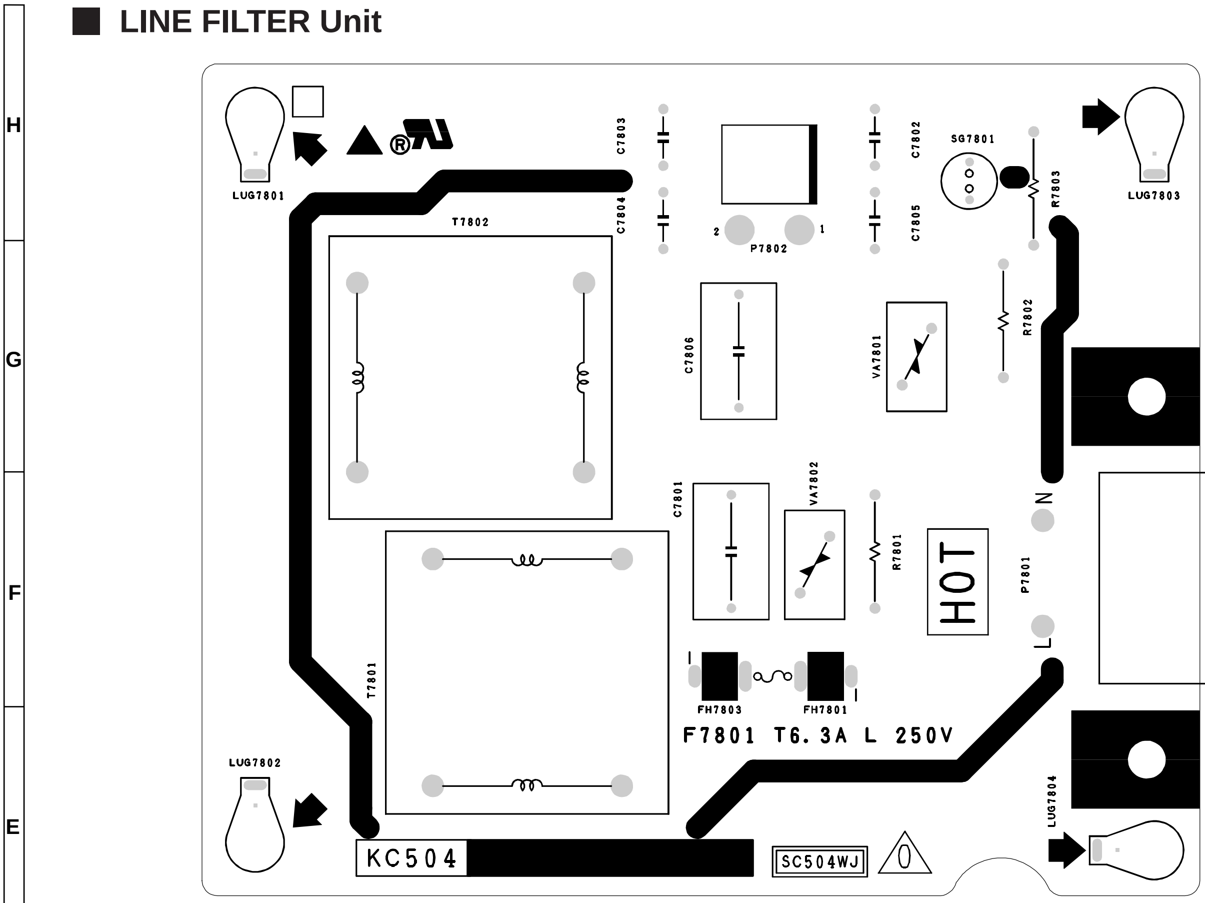
Chip Parts Side-A

Chip Parts Side-B

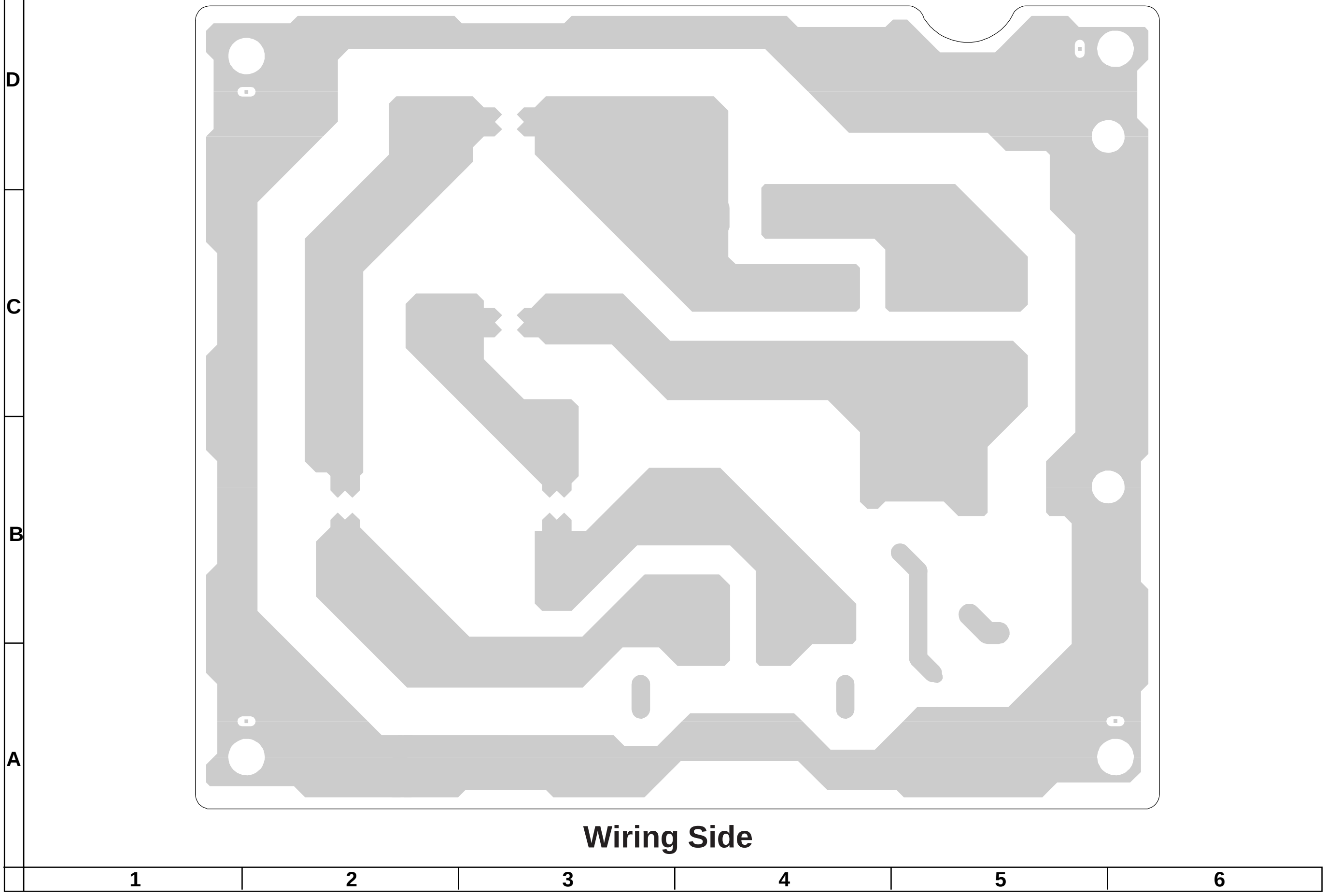
H
G
F
E
D
C
B
A

1 2 3 4 5 6

LINE FILTER Unit

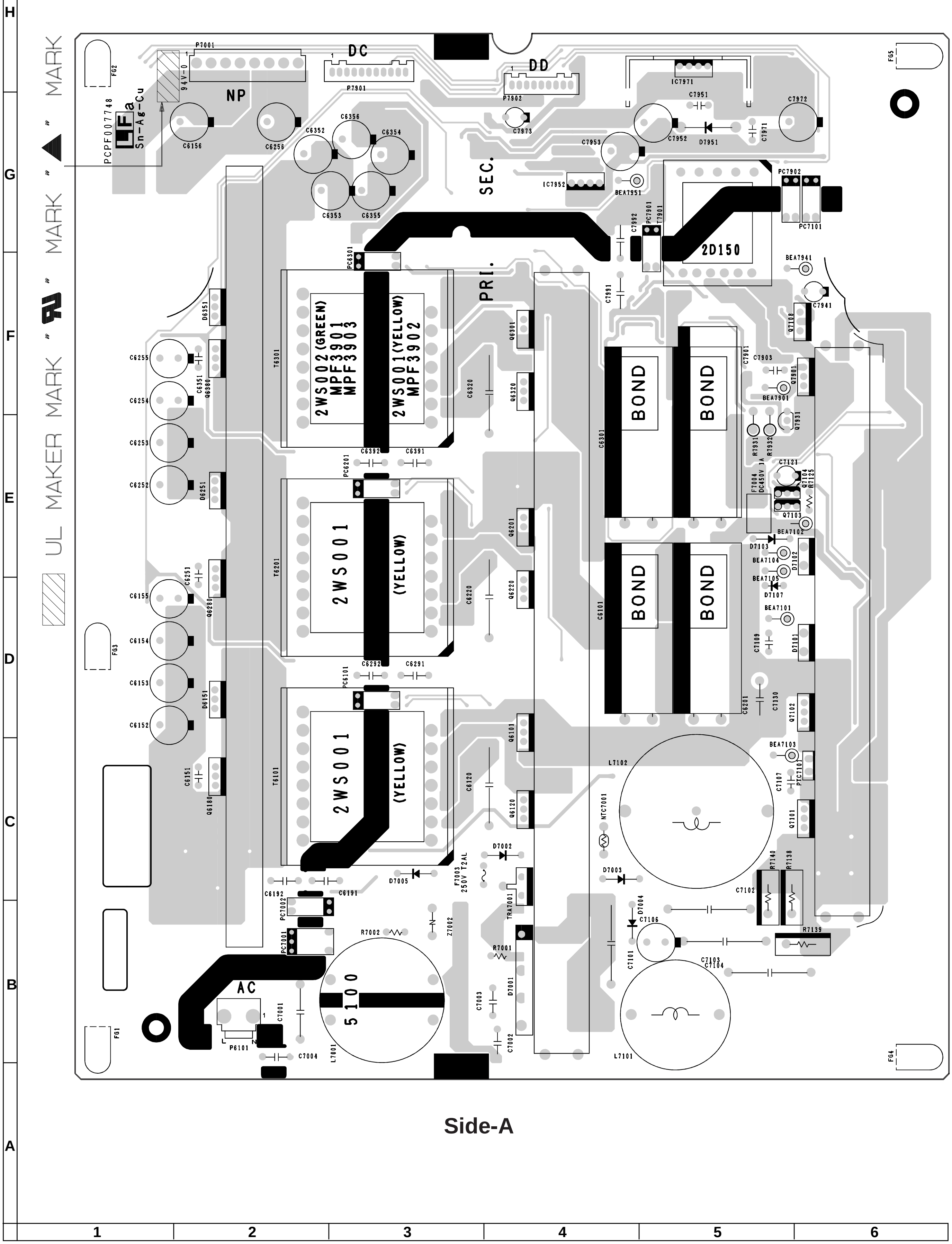

H
G
F
E
LUG7801
C7803
C7802
SG7801
LUG7803
T7802
C7804
2
1
P7802
C7805
R7803
C7806
VA7801
R7802
C7801
VA7802
R7801
HOT
N
P7801
L
T7801
FH7803
FH7801
F7801 T6.3A L 250V
LUG7802
LUG7804
KC504
SC504WJ

Component Side


D
C
B
A
1
2
3
4
5
6

Wiring Side

POWER SUPPLY Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
UL MAKER MARK " " MARK " " MARK
PCPF0077748
Sn-Ag-Cu
94V-0
P7001
NP
DC
P7901
DD
P7902
IC7971
C7951
C7972
C7952
D7951
C7971
C7953
C7973
IC7952
BEA7951
SEC.
PC7902
PC7101
T7901
PC7901
C7992
2D150
BEA7941
C7941
C7991
PRI.
C6156
C6256
C6352
C6356
C6354
C6353
C6355
PC6301
T6301
2WS002(GREEN)
MPF3901
MPF3903
2WS001(YELLOW)
MPF3902
D6351
C6351
Q6380
C6255
C6254
C6253
C6252
D6251
Q6301
C6320
Q6320
C6392
C6391
PC6201
T6201
2WS001
(YELLOW)
Q6201
C6220
Q6220
C6251
Q6280
C6155
C6154
C6153
C6152
D6151
C6292
C6291
PC6101
T6101
Q6101
C6120
Q6120
C6151
Q6180
FG1
FG2
FG3
FG4
FG5
C6301
C6101
C6201
BOND
Q7108
C7901
C7903
Q7901
BEA7901
Q7931
R7931
R7932
C7121
Q7104
R7125
F7004
DC450V 1A
Q7103
BEA7102
D7103
BEA7104
D7102
BEA7105
D7107
BEA7101
C7109
D7101
C7130
Q7102
BEA7103
C7107
PTC7101
Q7101
L7102
NTC7001
D7003
D7004
C7106
R7140
R7138
C7102
R7139
C7101
C7103
C7104
L7101
D7002
D7005
F7003
250V T2AL
TRA7001
C6192
C6191
PC7002
PC7001
R7002
Z7002
R7001
D7001
C7003
C7002
AC
P6101
C7001
C7004
L7001
5100

Side-A

■ POWER SUPPLY Unit

H

G

F

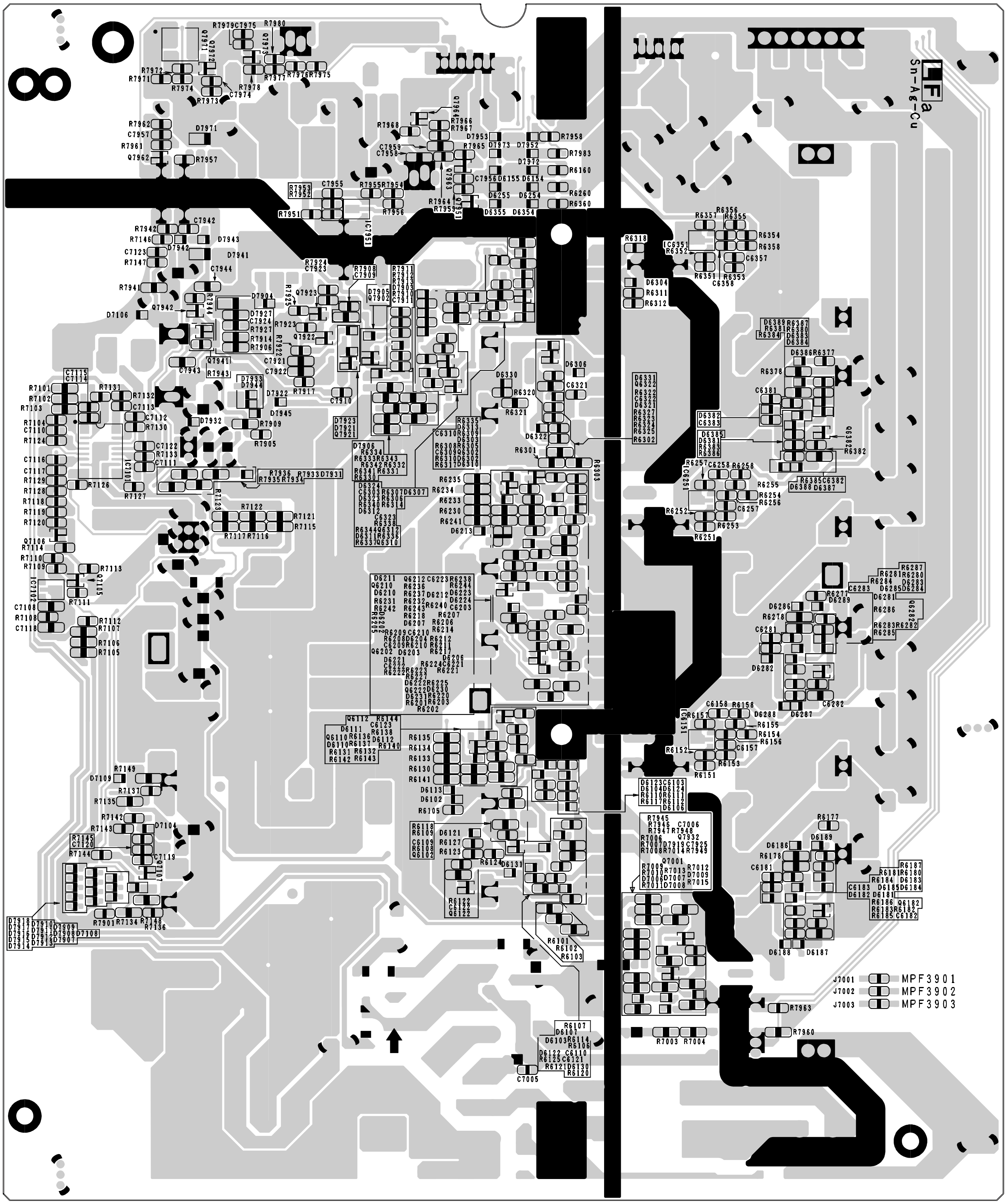
E

D

C

B

A


Sn-Ag-Cu
LF a
J7001 MPF3901
J7002 MPF3902
J7003 MPF3903
R7963
R7960
R7003 R7004
C7005
R6101
R6102
R6103
R6107
IC7951
IC7101
IC7102
IC6351
R6318
R6311
R6312
D6304
R6252
R6251
R6253
R6152
R6151
R6153
R6157
R6177
D6186
D6189
R6178
C6181
D6188
D6187
R7149
D7109
R7137
R7135
R7142
R7143
D7104
R7144
R7901
R7134
R7136
R7146
R7136

Side-B

1	2	3	4	5	6

PARTS LIST

(TU-45GD1E)

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	DUNTKC267FE50	–	DVI Unit	—
	DUNTKC427FE31	J	CPU Unit	BX
	DUNTKC480DE10	–	AV Unit (TU-45GD1E)	—
	DUNTKC480DE11	–	AV Unit (TU-45GD1K)	—
	DUNTKC480DE12	–	AV Unit (TU-45GD1F)	—
	DUNTKC480DE13	–	AV Unit (TU-45GD1I)	—
	DUNTKC480DE14	–	AV Unit (TU-45GD1R)	—
	DUNTKC482FE01	J	DVB-T Unit	CP
	DUNTKC544FE01	J	PC CARD Unit	BY
	DUNTKC602DE02	–	FRONT Unit	—
	DUNTKC603DE02	–	AUDIO IF Unit	—
	DUNTKC938FE01	J	MAIN Unit (TU-45GD1E)	DM
	DUNTKC938FE02	J	MAIN Unit (TU-45GD1K)	DM
	DUNTKC938FE03	J	MAIN Unit (TU-45GD1F)	DM
	DUNTKC938FE04	J	MAIN Unit (TU-45GD1I)	DM
	DUNTKC938FE05	J	MAIN Unit (TU-45GD1R)	DM
	DUNTKD051FE02	–	TMDS-TX Unit	—
	RDENCA110WJZZ	–	POWER SUPPLY Unit	—
	RDENCA111WJZZ	–	DC/DC CONVERTER Unit	—
	B2SX4102BT	J	1BIT AMPLIFIER UNIT	BL

DUNTKC267FE50
DVI UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1900	VHiSii907++-1Y	J	SII907BCQG52	BG
IC1901	VHiAD8185++-1Y	J	AD8185ARU	AW
IC1902	VHiLM2664++-1Y	J	LM2664M6X	AK
IC1903	VHiVHCT125A-1Y	J	TC74VHCT125AFT	AE
IC1904	VHiNC7WZ14P-1Y	J	NC7WZ14P6X	AD
IC1911	VHi24LC2BiN3ES	J	DDC for Video	AK
IC1914	VHiM62320FP-1Y	J	M62320FP	AH
IC1915	VHi24LC21+15ES	J	DDC for PC	AK
IC1916	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC1917	VHiPCA9559+-1Y	J	PCA9559PW	AN
IC1918	VHiTC4053BT-1Y	J	TC4053BFT	AG
IC1919	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1900	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1901	VS2SK536///-1Y	J	2SK536	AE
Q1902	VS2SK536///-1Y	J	2SK536	AE
Q1905	VS2SK536///-1Y	J	2SK536	AE
Q1906	VS2SK536///-1Y	J	2SK536	AE
Q1907	VSiMD2A////-1Y	J	iMD2A	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D1900	VHDMA3120WA-1Y	J	MA3120WA	AD
D1901	VHDMA3120WA-1Y	J	MA3120WA	AD
D1902	VHDMA3120WA-1Y	J	MA3120WA	AD
D1903	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D1904	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D1905	VHDHSU119//-1Y	J	HSU119	AB
D1906	VHDDAN202K/-1Y	J	DAN202K	AB
D1907	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1908	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1913	VHD1SS355//-1Y	J	1SS355	AB
D1914	VHD1SS355//-1Y	J	1SS355	AB
D1915	VHD1SS355//-1Y	J	1SS355	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C1900	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1901	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1902	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1903	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C1904	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1905	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1906	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1907	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1908	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1909	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1910	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1911	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1912	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1913	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1914	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1915	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1917	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1918	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1920	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1921	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1922	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1923	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1924	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C1925	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1926	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1927	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1928	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1929	RC-KZA074WJZZY	J	4.7 16V Ceramic	AC
C1930	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1931	RC-KZA074WJZZY	J	4.7 16V Ceramic	AC
C1932	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1933	RC-KZA074WJZZY	J	4.7 16V Ceramic	AC
C1934	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA

DUNTKC267FE50
DVI UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C1935	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1936	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1937	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1938	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1939	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1940	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1941	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1942	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1943	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1944	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1945	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1946	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1947	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1948	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1949	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1950	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1951	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1952	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1953	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1954	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1955	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1956	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1957	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C1958	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C1959	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1960	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1961	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1962	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1963	VCCCCY1HH470JY	J	47p 50V Ceramic	AA
C1964	VCCCCY1HH470JY	J	47p 50V Ceramic	AA
C1975	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1976	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C1977	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1980	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1981	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1982	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1983	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1993	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1994	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2911	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2913	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2914	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2915	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2918	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C2919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2920	VCEASY1CN226MY	J	22 16V Electrolytic	AC
C2921	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1900	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R1901	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1902	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1903	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1904	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1905	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1906	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1907	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1908	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R1909	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1910	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1911	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1912	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1913	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1914	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1915	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1916	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1917	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1918	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1919	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1920	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1921	VRS-CY1JF203JY	J	20k 1/16W Metal Oxide	AA
R1922	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1923	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1924	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1925	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1926	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1927	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1928	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1929	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1930	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1931	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1932	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1933	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1939	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1945	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1946	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1947	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1948	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1949	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1950	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1951	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1952	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1953	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R1954	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1955	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1956	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1957	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1958	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1959	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1960	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1961	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1969	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1970	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1981	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1983	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1984	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1985	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1986	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1987	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1988	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1989	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1992	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1993	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1994	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1995	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1996	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1998	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1999	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2900	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2901	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2904	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2905	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2906	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2907	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2908	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2913	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2916	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2917	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2918	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2919	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2920	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2921	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2922	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R2923	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2925	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2926	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R2927	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R2945	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
	PSLDMA328WJFW	J	Shield	AF
FB1900	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1901	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1902	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1903	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1904	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1905	RBLN-0060TAZZY	J	Ferrite Bead	AB

DUNTKC267FE50
DVI UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB1906	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1907	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1908	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1909	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1910	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1911	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1912	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1913	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1915	RBLN-0060TAZZY	J	Ferrite Bead	AB
J1900	QJAKJ0066CEZZ	J	Jack, 3Pin	AE
P1900	QPLGN1064TAZZY	J	Plug, 10Pin(MD)	AF
P1901	QPLGN0573FJZZY	J	Plug, 11Pin(ME)	AE
P1902	QPLGN0464TAZZY	J	Plug, 4Pin(AD)	AC
SC1900	QSOCZA061WJZZ	J	Socket, 32Pin	AK
LUG1910	QLUGZA002WJZZY	J	Lug	AC
LUG1911	QLUGZA002WJZZY	J	Lug	AC
LUG1912	QLUGZA002WJZZY	J	Lug	AC
LUG1916	QLUGHA006WJZZY	J	Lug	AC
LUG1917	QLUGHA006WJZZY	J	Lug	AC
LUG1918	QLUGHA006WJZZY	J	Lug	AC
LUG1919	QLUGHA006WJZZY	J	Lug	AC
	LANGTA116WJN1	J	Fixing Metal	AN
	LHLDWA035WJZZ	J	Holder	AC
	XJPSN30P08XS0	J	Screw	AA

DUNTKC427FE31
CPU UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8101	RH-iXA817WJZZQ	J	HD6417706F133V	BC
IC8201	RH-iXA948WJZZQ	J	LC4128V-75T100	AW
IC8301	RH-iXB073WJZZQ	J	K4S281632F-UC7	AY
IC8302	RH-iXB318WJZZQ	J	64M F-ROM	
IC8303	RH-iXB073WJZZQ	J	K4S281632F-UC7	AY
IC8304	RH-iXA873WJZZY	J	PCA9564PW,118	AS
IC8305	RH-iXA873WJZZY	J	PCA9564PW,118	AS
IC8401	VHiTC6384AF-2Q	J	TC6384AF-0001	AX
IC8501	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC8502	VHiPQ1CZ41H-1Y	J	PQ1CZ41H2ZP	AG
IC8503	VHiPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC8504	VHiMLC157DT-1Y	J	MC74LCX157DTR2	AE
IC8505	VHiPQ1X331M-1Y	J	PQ1X331M2ZP	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8301	VSRT1N141U/-1Y	J	RT1N141U	AB
Q8302	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q8401	VSRTQ035P02-1Y	J	RTQ035P02	AD
Q8501	VS2SK536///-1Y	J	2SK536	AE
Q8502	VS2SK536///-1Y	J	2SK536	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D8101	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8102	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8301	VHD1SS355//-1Y	J	1SS355	AB
D8501	VHDFS1J3///-1Y	J	FS1J3	AD

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X8102	RCRSCA045WJZZY	J	Crystal	AG

COIL

Ref. No.	Part No.	★	Description	Code
L8501	RCiLPA158WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C8103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8104	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8106	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8107	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8110	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8111	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8114	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8115	VCCCCY1HH330JY	J	33p 50V Ceramic	AA
C8116	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8117	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C8118	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C8119	VCCCCY1HH270JY	J	27p 50V Ceramic	AA
C8120	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8121	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8122	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8123	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8203	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8205	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8301	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8302	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8303	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8304	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8305	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8306	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8307	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8308	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8309	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8310	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8311	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8312	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8313	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8401	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8402	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8403	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8404	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8405	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8406	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8407	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8408	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8411	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8501	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8502	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8503	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8504	RC-KZA076WJZZY	J	4.7 16V Ceramic	AC
C8505	VCAAPF1AJ566MY	J	56 10V Electrolytic	AE
C8506	VCKYCY1CB223KY	J	0.022 16V Ceramic	AB
C8507	VCKYCY1HB471KY	J	470p 50V Ceramic	AA
C8508	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8509	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8510	RC-KZA067WJZZY	J	4.7V 10V Ceramic	AB
C8511	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8512	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C8516	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R8101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8104	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8105	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8106	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8107	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8108	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8109	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8110	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8111	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8112	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8113	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8114	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8115	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8116	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8117	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8119	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

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CPU UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R8120	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8122	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8124	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8126	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8128	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8133	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8134	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8137	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8139	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8141	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8142	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8145	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8147	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R8148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8150	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8151	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8152	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8154	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8156	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8157	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8159	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8160	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8161	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8162	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8163	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8164	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8165	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8166	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8167	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8168	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8170	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8172	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8173	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8179	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8180	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8181	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8182	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8183	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8203	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8205	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8207	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8208	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8209	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8212	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8213	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8215	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8216	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8217	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8218	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8219	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8220	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8221	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8222	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8223	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8224	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8225	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8226	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8227	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8228	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8229	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8230	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8231	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8232	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8233	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R8234	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8235	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8236	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8303	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R8304	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8305	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8307	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8308	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8309	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8311	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8312	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8313	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8318	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8319	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8320	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8321	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8323	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8401	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8402	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8404	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8406	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8407	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8408	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8409	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8410	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8411	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8412	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8413	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8414	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8415	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8416	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8417	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8418	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R8419	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8420	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8421	VRS-CH1JF563JY	J	56k 1/16W Metal Oxide	AA
R8422	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8423	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8424	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8425	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8501	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R8502	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8503	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8505	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8506	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8507	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R8508	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8509	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R8510	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8511	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8512	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R8513	VRS-CY1JF752FY	J	7.5k 1/16W Metal Oxide	AA
R8514	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8515	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8516	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8523	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8524	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8529	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8531	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8534	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8535	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8536	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8537	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8538	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8539	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

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CPU UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R8541	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8542	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8543	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8544	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8545	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8546	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8547	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8548	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB8101	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8102	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8103	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8201	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8301	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8401	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB8501	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB8502	RBLN-0254TAZZY	J	Ferrite Bead	AB
P8201	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P8501	QPLGN0541FJZZY	J	Plug, 4Pin(CB)	AD
P8502	QPLGN0546FJZZY	J	Plug, 9Pin(DP)	AE
P8503	QPLGN0060CEZZY	J	Plug, 10Pin	AE
P8504	QPLGN0569FJZZY	J	Plug, 7Pin(CA)	AE
P8505	QCNCMA170WJZZQ	J	Connector, 80Pin	AL
P8506	QPLGN0567FJZZY	J	Plug, 5Pin(DU)	AD
SC8401	QSOCZA050WJZZY	J	Socket, 12Pin	AH

DUNTKC480DE10-14
AV UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ TU1101	VTUATMQZ2-404	J	VHF Tuner	BE

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1102	VHiM62320FP-1Y	J	M62320FP	AH
IC1103	VHiBA05SFP+-1Y	J	BA05SFP-E2	AG
IC1104	VHiMM1506XN-1Y	J	MM1506XNRE	AD
IC1106	VHiBA7655AF-1Y	J	BA7655AF	AG
IC1108	VHiM62332FP-1Y	J	M62332FP	AL
IC1109	VHPGP1FH5TZ-1	J	PhotoDiode	AP
IC1601	VHiSDA5550M-1Q	J	SDA5550M	AZ
IC1602	RH-iXA134WJN5Q	J	MBM29DL400TC90	AQ
IC1603	VHi62S8308X-1Q	J	A62S8308X-70SI	AY
IC1604	VHiMM1501XN-1Y	J	MM1501XNRE	AE
IC1605	VHi7WH157FK-1Y	J	TC7WH157FK	AF
IC1606	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC1607	VHiPST9121N-1Y	J	IC-PST9121NR	AE
IC1608	VHiLVC157T+-1Y	J	SN74LVC157APWR	AF
IC1609	VHiLVC04AT+-1Y	J	SN74LVC04APWR	AE
IC1611	VHiPST9128N-1Y	J	IC-PST9128NR	AE
IC1612	VHiTC7SH08U-1Y	J	TC7SH08FU	AF
IC1613	VHiBA025FP+-1Y	J	BA25BC0FP-E2	AG
IC1614	VHiTC7SZ08U-1Y	J	TC7SZ08FU	AE
IC1615	VHi74LVX86T-1Y	J	TC74LVX86FT	AF
IC1616	VHiNC7SZ58P-1Y	J	NC7SZ58P6X	AE
IC2500	VHiNJU26106-1Q	J	NJU26106FR1	AT
IC2501	VHiMSP3450G-1Q	J	MSP3450G-QG-B8	BC
IC2502	VHiBH3544F+-1Y	J	BH3544F-E2	AE
IC2503	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC2504	VHiNJM4565M-1Y	J	NJM4565M	AE
IC2505	VHiNJM4565M-1Y	J	NJM4565M	AE
IC2506	VHiNJM4565M-1Y	J	NJM4565M	AE
IC2507	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2508	RH-iXA899WJN1Y	J	AT24C64AN-10SI	AL
IC2509	VHiM62320FP-1Y	J	M62320FP	AH
IC2510	VHiNJU26150-1Q	J	NJU26150FR1	AV
IC2511	VHiAK4353++-1Y	J	AK4353VF	AR
IC2512	VHiN2885D03-1Y	J	NJM2885DL103TE	AE
IC2513	RH-iXA167WJZZY	J	PQ025EZ01ZZ	AL
IC2514	VHiAK4586VQ-1Q	J	AK4586VQ	AY
IC2515	VHiAK5381VT-1Y	J	AK5381VT	AR
IC2516	VHiNJM4565M-1Y	J	NJM4565M	AE
IC2517	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2518	VHiT7SET08U-1Y	J	TC7SET08FU	AD
IC3800	VHiMM1501XN-1Y	J	MM1501XNRE	AE
IC3801	VHiCXA2069Q-1	J	CXA2069Q	AR
IC3802	VHiNJM4565M-1Y	J	NJM4565M	AE
IC3803	VHiBA05SFP+-1Y	J	BA05SFP-E2	AG
IC3804	VHiPQ20WZ51-1Y	J	PQ20WZ5U	AF
IC3805	VHiMM1519XQ-1Q	J	MM1519XQ	AW
IC3806	VHiPCA9516A-1Y	J	PCA9516APW,118	AP
IC3807	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC3808	VHiM62320FP-1Y	J	M62320FP	AH
IC3809	VHiM62320FP-1Y	J	M62320FP	AH
IC3810	VHiT7WH123U-1Y	J	TC7WH123FU	AD
IC3811	VHiT7SET08U-1Y	J	TC7SET08FU	AD
IC5701	VHiBA09SFP+-1Y	J	BA09SFP	AG
IC5702	VHiBA08SFP+-1Y	J	BA08SFP-E2	AG
IC5703	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC5705	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC5706	VHiPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC5707	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1102	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1103	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1104	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1107	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1108	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1109	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1110	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1111	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1112	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1113	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1114	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1115	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1116	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1117	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1118	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1119	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1120	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1121	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1122	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1124	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1125	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1126	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1127	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1128	VSDTA144EE/-1Y	J	DTA144EE	AA
Q1129	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1130	VSDTA144EE/-1Y	J	DTA144EE	AA
Q1134	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1135	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1601	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1602	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1604	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1605	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1606	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1607	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1608	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1609	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1610	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1611	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1612	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2501	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2503	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2504	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2505	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2506	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2509	VSDTA144EE/-1Y	J	DTA144EE	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
Q2510	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2513	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2514	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3800	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3801	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3802	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3803	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3804	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3805	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3806	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3807	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3808	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3809	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3810	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3812	VSDTC114EE/-1Y	J	DTC114EE	AB
Q3813	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3814	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3815	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5701	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q5706	VSDTC114EE/-1Y	J	DTC114EE	AB
Q5707	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1102	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1105	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1107	VHD1SS355//-1Y	J	1SS355	AB
D1114	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1119	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1122	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1128	RH-EX0207CEZZY	J	Zener Diode	AB
D1130	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1131	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1132	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1133	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1134	VHDHSU119//-1Y	J	HSU119	AB
D1135	VHDHSU119//-1Y	J	HSU119	AB
D1136	VHDHSU119//-1Y	J	HSU119	AB
D1137	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1602	VHDHSU119//-1Y	J	HSU119	AB
D2500	VHD1SS355//-1Y	J	1SS355	AB
D2501	VHDDAN222//-1Y	J	DAN222	AA
D2502	VHDDAN222//-1Y	J	DAN222	AA
D2503	VHD1SS355//-1Y	J	1SS355	AB
D2504	VHD1SS355//-1Y	J	1SS355	AB
D2505	VHD1SS355//-1Y	J	1SS355	AB
D2506	VHD1SS355//-1Y	J	1SS355	AB
D2507	VHD1SS355//-1Y	J	1SS355	AB
D2508	VHD1SS355//-1Y	J	1SS355	AB
D2509	VHD1SS355//-1Y	J	1SS355	AB
D2510	VHD1SS355//-1Y	J	1SS355	AB
D2511	VHD1SS355//-1Y	J	1SS355	AB
D3800	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3801	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3802	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3803	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3804	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3805	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3806	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3807	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3808	VHDRB521S30-1Y	J	RB521S30	AC
D3809	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3810	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3811	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3812	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3813	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3814	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3815	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3817	VHD1SS355//-1Y	J	1SS355	AB
D3818	VHD1SS355//-1Y	J	1SS355	AB
D3819	VHD1SS355//-1Y	J	1SS355	AB
D3820	VHD1SS355//-1Y	J	1SS355	AB
D3821	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3822	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3823	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3824	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3825	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3826	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3827	VHDHSU119//-1Y	J	HSU119	AB
D3828	VHDHSU119//-1Y	J	HSU119	AB
D3829	VHDHSU119//-1Y	J	HSU119	AB
D3831	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D5701	VHDHSU119//-1Y	J	HSU119	AB
D5702	VHDDAN222//-1Y	J	DAN222	AA
D5715	VHD1SS355//-1Y	J	1SS355	AB
D5716	VHDHSU119//-1Y	J	HSU119	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X1601	RCRSCA002WJZZY	J	Crystal	AG
X2500	RCRSCA015WJZZY	J	Crystal	AH
X2501	RCRSB0250GEZZ+	J	Crystal	AG
X2502	RCRSCA015WJZZY	J	Crystal	AH
X2503	RCRSCA045WJZZY	J	Crystal	AG

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL1105	RFiLN0017TAZZY	J	Filter	AC
FL1106	RFiLN0017TAZZY	J	Filter	AC
FL1107	RFiLN0017TAZZY	J	Filter	AC
FL1108	RFiLN0017TAZZY	J	Filter	AC
FL1109	RFiLN0017TAZZY	J	Filter	AC
FL1112	RFiLN0017TAZZY	J	Filter	AC
FL1113	RFiLN0017TAZZY	J	Filter	AC
FL1114	RFiLN0017TAZZY	J	Filter	AC
FL1118	RFiLN0017TAZZY	J	Filter	AC
FL1119	RFiLN0017TAZZY	J	Filter	AC
FL1120	RFiLN0017TAZZY	J	Filter	AC
FL1121	RFiLN0017TAZZY	J	Filter	AC
FL1122	RFiLN0017TAZZY	J	Filter	AC
FL1124	RFiLN0017TAZZY	J	Filter	AC
FL1125	RFiLN0017TAZZY	J	Filter	AC
FL1127	RFiLN0017TAZZY	J	Filter	AC
FL1128	RFiLN0017TAZZY	J	Filter	AC
L1101	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L1102	VPD9M2R7J1R0NY	J	Peaking, 2.7µH	AC
L1103	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L1104	VPD9M3R3J1R2NY	J	Peaking, 3.3µH	AB
L1105	VPD9M5R6J1R6NY	J	Peaking, 5.6µH	AB
L1106	VPD9M3R3J1R2NY	J	Peaking, 3.3µH	AB
L1107	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L1108	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L1109	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L1110	VPD9M4R7MR53NY	J	Peaking, 4.7µH	AB
L1111	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L1601	VPD9M270J3R2NY	J	Peaking, 27µH	AB
L3800	VPCNN100J1R6NY	J	Peaking, 10µH	AB
L3801	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L3802	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C1101	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1102	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1103	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1104	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C1105	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1106	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1107	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1110	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1111	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1112	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1113	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1114	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1115	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1116	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1117	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1118	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1119	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1120	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1121	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1122	VCKYTV1CB105KY	J	1	16V	Ceramic	AC

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Ref. No.	Part No.	★	Description			Code
C1123	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1124	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1125	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1126	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C1127	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1128	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1129	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1132	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1133	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1135	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1136	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1137	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1138	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1139	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1140	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1141	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1142	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1143	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1144	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1145	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1146	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1147	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1148	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C1149	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1150	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1151	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1154	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1155	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1156	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1157	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1158	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1159	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1160	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1161	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1162	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1163	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1164	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1165	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1166	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1167	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1168	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1169	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1170	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1171	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1172	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1173	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1174	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1175	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1176	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1177	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1178	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1179	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1180	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1181	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1182	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1183	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1184	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1185	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C1187	VCCCCY1HH121JY	J	120p	50V	Ceramic	AA
C1188	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C1189	VCCCCY1HH390JY	J	39p	50V	Ceramic	AA
C1190	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1191	VCCCCY1HH121JY	J	120p	50V	Ceramic	AA
C1192	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1193	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1194	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1195	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1196	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1197	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1198	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1199	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1200	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1201	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1202	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1204	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1206	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1207	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1208	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1209	VCEASX1HN105MY	J	1	50V	Electrolytic	AB
C1210	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1211	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1212	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1214	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1215	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1216	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1218	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1219	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1221	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1222	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1224	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1225	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1230	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1231	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1232	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1233	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1234	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1235	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1237	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1238	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1239	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1240	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1241	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1242	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1243	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1601	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1602	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1603	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1604	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1605	VCE9PV0JN226MY	J	22	6.3V	Elect. (N.P)	AD
C1606	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1607	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1608	VCKYCY1AF105ZY	J	1	10V	Ceramic	AC
C1609	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C1610	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1611	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1612	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1613	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1614	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1616	VCCCCY1HH181JY	J	180p	50V	Ceramic	AA
C1617	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1618	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1621	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1622	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1623	VCE9PV0JN226MY	J	22	6.3V	Elect. (N.P)	AD
C1624	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1625	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1627	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1628	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1631	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1632	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1633	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1634	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C1635	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1636	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1637	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1638	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1639	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1640	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C1641	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C1642	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1644	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1645	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1646	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1647	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C1648	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1649	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1650	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1652	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1653	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C1654	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C2500	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2501	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2502	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2503	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2504	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2505	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2506	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2507	VCEASX1HN105MY	J	1	50V	Electrolytic	AB
C2509	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2510	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2511	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2512	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2513	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2514	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2516	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2517	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2519	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2520	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2521	VCEASX1HN335MY	J	3.3	50V	Electrolytic	AB
C2522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2523	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2524	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2525	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2526	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2528	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2529	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C2530	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2531	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2532	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2533	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2534	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C2535	VCCCCY1HH6R0DY	J	6p	50V	Ceramic	AA
C2536	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C2537	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2538	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2539	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2540	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2541	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2542	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2543	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2544	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2545	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2546	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2547	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2548	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2549	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2551	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2552	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2553	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2554	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2555	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2560	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2561	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2562	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2563	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2564	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2571	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2572	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2573	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2576	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2577	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2578	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2579	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2580	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2581	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2582	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2583	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2584	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2585	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2586	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2587	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2588	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2589	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2590	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2591	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2592	VCCCCY1HH8R0DY	J	8p	50V	Ceramic	AA
C2593	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2594	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2595	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2596	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2597	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2598	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2599	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2600	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2601	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2602	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2603	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2604	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2605	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2606	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2607	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2609	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2610	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2611	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2612	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2613	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2614	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2615	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2616	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2617	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2618	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2620	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2621	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2622	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2623	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2624	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2625	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2627	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2628	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2630	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2631	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2632	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2634	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2635	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2636	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2637	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2638	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2639	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2640	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2641	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2642	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2643	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2644	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2645	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2646	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2647	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2648	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2649	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C2650	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2651	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2652	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2653	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2654	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2655	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2656	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2657	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2658	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2659	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2660	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2661	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2662	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2663	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2664	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2665	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2666	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3800	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3801	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3802	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3803	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3804	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3805	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3806	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3807	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C3808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3809	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3810	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3811	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3812	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3813	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3814	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3816	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C3817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3818	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3819	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3820	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3821	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3822	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3823	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3824	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C3825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3826	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3827	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3828	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3829	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C3830	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3831	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3834	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3835	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3836	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3837	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3838	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3839	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3840	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3841	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3842	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3843	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3844	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3845	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3846	VCEASX1CN107MY	J	100	16V	Electrolytic	AC
C3847	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3848	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3849	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3850	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3851	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3852	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3853	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3854	RC-KZA076WJZZY	J	4.7	16V	Ceramic	AC
C3855	RC-KZA076WJZZY	J	4.7	16V	Ceramic	AC
C3856	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3861	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3862	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3863	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3864	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C3865	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3866	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3867	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3868	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C3869	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3870	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3871	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3872	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C3873	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3876	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3878	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3879	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3880	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C3881	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3882	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3883	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3884	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3885	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3886	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3887	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3888	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3889	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3890	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3891	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3892	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5702	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5703	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5706	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5710	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5711	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5717	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5722	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C5723	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5724	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5726	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5727	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5729	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5730	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5733	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5734	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5735	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5738	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5739	VCEASY1CN107MY	J	100	16V	Electrolytic	AC

RESISTORS

Ref. No.	Part No.	★	Description			Code
R1101	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1103	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1104	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1105	VRS-TW2ED4R7JY	J	4.7	1/4W	Metal Oxide	AB
R1106	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1108	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1111	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1112	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1114	VRS-TW2ED680JY	J	68	1/4W	Metal Oxide	AA
R1115	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1116	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1117	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R1118	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R1122	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1123	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1124	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1125	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1126	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1127	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1128	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1129	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1130	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1131	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1132	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1133	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1134	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1135	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R1136	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1138	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1140	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1141	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1142	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1143	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1144	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1145	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1146	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1147	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1148	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1149	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1150	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1151	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1152	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1153	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1154	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1155	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1156	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1157	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1158	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1159	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1160	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1161	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1162	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1163	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1164	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1165	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1166	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1167	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1168	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1169	VRS-TV1JD104JY	J	100k 1/16W Metal Oxide	AA
R1170	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1171	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R1172	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1173	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1174	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1176	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1177	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1178	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1179	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1180	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1181	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1182	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1183	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1184	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1185	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1186	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1187	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1188	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1189	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1190	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1191	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1192	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1193	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1194	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1195	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1196	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R1197	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1198	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1199	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1200	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1201	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1202	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1203	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1204	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1205	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1206	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1207	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1208	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1209	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1210	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1211	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1213	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1214	VRS-TW2ED561JY	J	560 1/4W Metal Oxide	AA
R1217	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R1218	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1219	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1220	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1221	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1222	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R1223	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1224	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1225	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1226	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1227	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1228	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1229	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1230	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1235	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R1236	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R1237	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1238	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1239	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1240	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1241	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1242	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1243	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1244	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1245	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R1246	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1247	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1248	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1249	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1250	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1251	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1252	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1253	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1254	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1256	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1257	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R1259	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1260	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1261	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R1262	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R1263	VRS-TQ2BD122JY	J	1.2k 1/8W Metal Oxide	AA
R1264	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1265	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1266	VRS-TQ2BD122JY	J	1.2k 1/8W Metal Oxide	AA
R1267	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1268	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1269	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1270	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1271	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1272	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1273	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1274	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1275	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1277	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1278	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1279	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1281	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1282	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1283	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R1284	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1285	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1286	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1287	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1288	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1289	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1602	VRS-CY1JF202JY	J	2k 1/16W Metal Oxide	AA
R1603	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1604	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1605	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1607	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1609	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1611	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1613	VRS-CY1JF132JY	J	1.3k 1/16W Metal Oxide	AG
R1616	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1617	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1618	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1620	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1621	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1623	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1624	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1625	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1626	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1627	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1628	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1629	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R1630	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1634	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1635	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1636	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1640	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1641	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1642	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1643	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1645	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1648	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1649	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1650	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1651	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1652	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1653	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1654	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1655	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1656	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1661	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1668	VRS-CH1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1669	VRS-CH1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1670	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1671	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1672	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1673	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1674	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1675	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1683	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1684	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1685	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2500	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2501	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2502	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2503	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2505	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2507	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2508	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2509	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2510	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R2511	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2512	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2513	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2514	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R2515	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2517	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2518	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2519	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2520	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2521	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2522	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2523	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2524	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2525	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2526	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2527	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2528	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2529	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2530	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2531	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2532	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2533	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2534	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2535	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2536	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2537	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2540	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2541	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2542	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2543	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2544	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2545	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2546	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2547	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2548	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2549	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2550	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2551	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2552	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2553	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2554	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2556	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2557	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2558	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2559	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2560	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2561	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2562	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2563	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2564	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2565	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2566	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2567	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2568	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2569	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2570	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2571	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2572	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2573	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2576	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2577	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2578	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2579	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2580	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2582	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2583	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2584	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2585	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2586	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2587	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2588	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2589	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2590	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2591	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2592	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2593	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R2594	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2595	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2596	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2597	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2598	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2599	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2600	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2601	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2602	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2603	VRS-CY1JF5R1JY	J	5.1 1/16W Metal Oxide	AA
R2604	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2605	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2606	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2608	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2609	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2610	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2611	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2612	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2613	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2614	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2615	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2616	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2617	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2618	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2619	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2620	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2621	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2622	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2623	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2624	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R2625	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2626	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2627	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2628	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2629	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2632	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2633	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2634	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R2635	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R2636	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2637	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2638	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2639	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R2640	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2641	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2642	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2643	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2644	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2645	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2646	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2647	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3800	VRS-CY1JF751JY	J	750 1/16W Metal Oxide	AA
R3801	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3802	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3803	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3804	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3806	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3807	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3808	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3809	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3810	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3811	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3812	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3814	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3815	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3816	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3817	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3818	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3819	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3820	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3821	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3822	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3823	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3824	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3825	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3826	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3828	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3829	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3830	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3831	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3832	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3833	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3834	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3835	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3836	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3837	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3838	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3839	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3840	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3841	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3842	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3843	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3844	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3845	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3846	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3847	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3848	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3849	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3850	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3851	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3852	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3853	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3854	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3855	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3856	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3857	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3858	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3859	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3860	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3861	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3862	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3863	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3864	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3865	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3866	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3867	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3868	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3869	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3870	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3871	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3872	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3873	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3874	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3875	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3876	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3877	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3878	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3879	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3881	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3882	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3883	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3884	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3885	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3886	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3887	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3888	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3889	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3890	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3891	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3892	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3893	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3894	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3895	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R3896	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R3898	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R3899	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3900	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3901	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3902	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3903	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3904	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3905	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3906	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3907	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3908	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3909	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3910	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3911	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3912	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3913	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3914	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R3915	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3916	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3917	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3918	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3919	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3920	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3923	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3924	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3925	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3926	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3927	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3933	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3934	VRS-TW2HF560JY	J	56 1/2W Metal Oxide	AA
R3935	VRS-TW2HF560JY	J	56 1/2W Metal Oxide	AA
R3937	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3938	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3939	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3940	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3942	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R3943	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3944	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3945	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3946	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3947	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3948	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3949	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3950	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3951	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3957	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R3958	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3959	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3960	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3962	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5703	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5704	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5705	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5706	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5707	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5709	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5710	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R5711	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R5713	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R5714	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R5715	VRS-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA
R5717	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R5719	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5720	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R5721	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R5722	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5725	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5726	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5774	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5777	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5782	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5784	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5785	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5786	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1104	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1105	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1106	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1107	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1108	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1109	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1110	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1111	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1112	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1113	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1114	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1115	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1116	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1117	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1118	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1119	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1120	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1121	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1122	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1123	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1124	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1131	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1132	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1133	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB1601	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1602	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1604	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1605	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1608	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1609	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1610	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1611	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1612	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1613	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1616	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1617	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1619	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB2500	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2501	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2502	RBLN-0067TAZZY	J	Ferrite Bead	AC
FB2503	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2504	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2505	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2506	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB3800	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3801	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3802	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3803	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB5701	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5702	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5703	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5704	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5706	RBLN-0210TAZZY	J	Ferrite Bead	AB
J1101	QTANJA054WJZZ	J	Terminal, 13Pin	AK
J1102	QTANJA044WJZZ	J	Terminal, 2Pin	AD
P2501	QPLGN0574FJZZY	J	Plug, 12Pin(PC)	AE
P3800	QPLGN0567FJZZY	J	Plug, 5Pin(SF)	AD
P3801	QPLGNA238WJZZY	J	Plug, 15Pin(SA)	AE
P3802	QPLGNA239WJZZY	J	Plug, 40Pin(MA)	AH
P3804	QPLGNA170WJZZ	J	Plug, 30Pin(AF)	AD
P3805	QPLGN0566FJZZY	J	Plug, 4Pin(AD)	AD
P3806	QPLGN0578GEZZ	J	Plug, 5Pin	AB
P3807	QPLGNA046WJZZ	J	Plug, 7Pin(SJ)	AC
P5703	QPLGNA051WJZZ	J	Plug, 12Pin(PA)	AB
P5706	QPLGN0378GEZZ	J	Plug, 3Pin	AB
P5707	QPLGN0378GEZZ	J	Plug, 3Pin	AB
RY3800	RRLYDA004WJZZ	J	Relay	AN
SC1101	QSOCZ2160CEZZ	J	Socket, 20Pin	AE

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
SC1102	QSOCZ2161CEZZ	J	Socket, 42Pin	AH
SC3802	QSOCN0493FJZZY	J	Socket, 45Pin(FC)	AG
LUG5701	QLUGHA006WJZZY	J	Lug	AC
LUG5702	QLUGHA006WJZZY	J	Lug	AC
LUG5703	QLUGHA006WJZZY	J	Lug	AC
LUG5704	QLUGHA006WJZZY	J	Lug	AC
LUG5705	QLUGHA006WJZZY	J	Lug	AC
TP1163	QLUGP0110TAFWY	J	Lug	AB
	QCNW-C026WJQZ	J	Connecting Cord	AH
	QCNW-C294WJPZ	J	Connecting Cord	AL
	LANGTA131WJN2	J	Fixing Metal	AT
	PSPANA004WJZZ	J	Spacer	AC
	XJPSN30P08XS0	J	Screw	AA

DUNTKC482FE01
DVB-T UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ TU9001	RTUDTA010WJZZ	J	Tuner	BE

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8601	VHiPNX8526+-1Q	J	PNX8526EH/M0,5	BV
IC8801	RH-iXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8802	RH-iXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8803	RH-iXA964WJN1Q	J	MBM29LV160BE70	AX
IC8804	RH-iXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8805	RH-iXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8806	RH-iXA965WJZZY	J	K9F2808U0C-PCB	BB
IC8807	RH-iXA950WJN1Y	J	M24C64-WMN6	AL
IC8808	VHiM24C64WN-1Y	J	M24C64-WMN6T	AL
IC8903	VHiTC7W04F/-1Y	J	TC7W04F	AD
IC8904	VHiBA4560F+-1Y	J	BA4560F-E2	AD
IC8905	VHiPNX8510+-1Q	J	PNX8510HW/B1,5	AZ
IC8906	VHiSN1GU04C-1Y	J	SN74AHC1GU04DC	AD
IC9001	VHiTPS54350-1Y	J	TPS54350PWPR	AN
IC9002	VHiTPS54350-1Y	J	TPS54350PWPR	AN
IC9003	VHiLM393A//-1Y	J	LM393APSR	AL
IC9004	VHiPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC9005	VHiSN1GU04C-1Y	J	SN74AHC1GU04DC	AD
IC9006	VHiBD4730G+-1Y	J	BD4730G-TR	AE
IC9007	RH-iXA992WJN1Y	J	M24256-BWMN6	AQ
IC9008	VHiTDA10046-1Q	J	TDA10046HT/C1,	BB
IC9009	VHiPQ09DZ1U-1Y	J	PQ09DZ1U	AG
IC9010	VHiTA78L05F-1Y	J	TA78L05F	AE
IC9011	VHiPCF8574T-1Y	J	PCF8574T,118	AQ
IC9012	VHiPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC9013	VHiTPS54350-1Y	J	TPS54350PWPR	AN
IC9014	VHiPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC9101	VHiSTV0700+-1Q	J	STV0700	AZ
IC9102	VHiTPS2022D-1Y	J	TPS2022DR	AQ
IC9103	VHiLVC573AP-1Y	J	SN74LVC573APWR	AF
IC9104	VHiLVC573AP-1Y	J	SN74LVC573APWR	AF
IC9105	RH-iXB021WJZZY	J	SN74LVCR2245AP	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8601	VS2SK536///-1Y	J	2SK536	AE
Q8602	VS2SK536///-1Y	J	2SK536	AE
Q8603	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q8604	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q9001	VSRTQ045N03-1Y	J	RTQ045N03	AE
Q9002	VSRTQ045N03-1Y	J	RTQ045N03	AE
Q9003	VSRTQ045N03-1Y	J	RTQ045N03	AE

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D8601	RH-PX0421CEZZY	J	PhotoDiode	AD
D9001	VHDFS1J3///-1Y	J	FS1J3	AD
D9002	VHDFS1J3///-1Y	J	FS1J3	AD
D9004	VHDFS1J3///-1Y	J	FS1J3	AD
D9008	VHD1SS400++-1Y	J	1SS400	AB
D9009	VHD1SS400++-1Y	J	1SS400	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8601	RCRSCA077WJZZY	J	Crystal	AF
X9101	RCRUAA032WJZZY	J		AK

COILS

Ref. No.	Part No.	★	Description	Code
L8906	VPD9M2R2JR96NY	J	Peaking, 2.2µH	AC
L8907	VPD9M2R2JR96NY	J	Peaking, 2.2µH	AC
L8909	VPD9M2R2JR96NY	J	Peaking, 2.2µH	AC
L8910	VPD9M2R2JR96NY	J	Peaking, 2.2µH	AC
L8911	VPD9M2R2JR96NY	J	Peaking, 2.2µH	AC
L9001	RCiLPA157WJZZY	J	Coil	AE
L9002	RCiLPA156WJZZY	J	Coil	AE
L9003	RCiLPA154WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C8601	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C8602	VCCCCY1HH120JY	J	12p	50V	Ceramic	AA
C8603	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8604	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8605	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8606	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8607	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8609	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8610	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8611	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8612	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8613	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8614	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8615	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8616	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8617	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8618	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8620	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8621	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8622	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8623	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8624	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8625	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8627	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8628	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8631	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8632	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8634	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8635	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8636	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8801	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8803	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8807	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8818	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8820	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8821	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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DVB-T UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C8822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8824	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8826	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8829	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8831	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8833	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8834	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8836	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8837	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C8838	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8901	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8902	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8908	VRS-CY1JF102JY	J	1	1/16W	Metal Oxide	AA
C8916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8917	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8918	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8919	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8920	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C8921	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C8922	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C8923	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C8924	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C8925	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8926	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8927	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8929	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8931	VCEASX1VN475MY	J	4.7	35V	Electrolytic	AB
C8932	VCEASX1VN475MY	J	4.7	35V	Electrolytic	AB
C8933	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8935	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C8936	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8937	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C8938	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8939	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8940	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8941	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C8942	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8943	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C8944	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8945	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8946	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8947	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8949	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8950	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8952	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8953	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8955	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8956	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8957	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8966	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8967	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8968	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8969	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8970	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8971	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8972	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C9001	VCKYCY1HB123KY	J	0.012	50V	Ceramic	AA
C9002	VCKYCY1HB681KY	J	680p	50V	Ceramic	AA
C9003	VCKYCY1HB123KY	J	0.012	50V	Ceramic	AA
C9004	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C9005	VCKYCY1HB681KY	J	680p	50V	Ceramic	AA
C9006	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9007	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C9008	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9009	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB

Ref. No.	Part No.	★	Description			Code
C9010	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9011	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9012	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C9013	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9014	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9015	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C9016	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C9017	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C9018	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C9019	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9020	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9021	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9022	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9023	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9024	RC-KZA067WJZZY	J	4.7V	10V	Ceramic	AB
C9031	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9033	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9034	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9035	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9036	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9037	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C9038	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C9039	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9040	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9041	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C9042	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9044	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9045	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9046	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9048	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9049	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9050	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9051	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9052	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9053	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9054	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9055	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9056	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9057	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C9058	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9059	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9060	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C9061	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9062	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9063	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9064	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C9065	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9066	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9067	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9068	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9069	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9070	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9071	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9072	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9073	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9075	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9076	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9101	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C9102	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9107	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C9108	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9109	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C9110	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C9111	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9112	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C9113	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9115	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description			Code
R8601	VRS-CH1JF330JY	J	33	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R8602	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8603	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8604	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8605	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8606	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8607	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8608	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8609	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8610	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8611	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8612	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8613	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8614	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8615	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8617	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R8618	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8619	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8620	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8621	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8622	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R8623	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8626	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8627	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8628	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8630	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8631	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8633	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8634	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8635	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8636	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8637	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8638	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8639	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8640	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8641	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8642	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8643	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8644	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8645	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8647	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8648	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8649	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8650	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8651	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8652	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8653	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8654	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8655	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8657	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8658	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8659	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8660	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8661	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8662	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8663	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8664	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8665	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8666	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8667	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8668	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8669	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8670	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8671	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8672	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8673	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8674	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8675	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8676	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8677	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8678	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8679	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8680	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8681	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8682	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8683	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8684	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R8685	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8686	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8687	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8688	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8689	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8690	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8691	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8692	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8693	VRS-CY1JF621JY	J	620 1/16W Metal Oxide	AA
R8694	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R8699	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8700	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8801	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8802	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8803	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8804	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8805	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8806	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8807	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8808	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8809	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8810	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8811	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8814	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8817	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8821	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8822	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8823	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R8824	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8825	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8826	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8827	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8828	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8829	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8830	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8831	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8833	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8835	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8836	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8837	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8839	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8840	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8841	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8842	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8843	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8848	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8849	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8850	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8851	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8852	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8853	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8855	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8856	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8860	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8861	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8862	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8863	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8864	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8865	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8866	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8902	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8903	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8904	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA

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DVB-T UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R8905	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8906	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8910	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8914	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8918	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R8921	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R8922	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R8923	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8924	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8925	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R8927	VRS-CY1JF134FY	J	130k 1/16W Metal Oxide	AA
R8928	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R8929	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8930	VRS-CY1JF134FY	J	130k 1/16W Metal Oxide	AA
R8931	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8932	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8933	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8934	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8935	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8936	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8937	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8938	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8939	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8942	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8943	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8944	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8945	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8946	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8947	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8950	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R8952	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8953	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8954	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8955	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8956	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8958	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8959	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8960	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8963	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8965	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R8966	VRS-CY1JF1R0JY	J	1 1/16W Metal Oxide	AA
R8967	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R8968	VRS-CY1JF1R0JY	J	1 1/16W Metal Oxide	AA
R8969	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8970	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8971	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8972	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8974	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8975	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8976	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8977	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8978	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8979	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8980	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8981	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9001	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9002	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9003	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R9004	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9005	VRS-CY1JF622JY	J	6.2k 1/16W Metal Oxide	AA
R9006	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R9007	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R9008	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9009	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9010	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9011	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9012	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R9013	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9014	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R9015	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R9016	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R9017	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9018	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9019	VRS-CY1JF184JY	J	180k 1/16W Metal Oxide	AA
R9020	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9021	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9022	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9023	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9024	VRS-CY1JF684JY	J	680k 1/16W Metal Oxide	AA
R9025	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9026	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9027	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R9028	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9030	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9033	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9034	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9036	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9037	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9038	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9039	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R9040	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9041	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9042	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R9043	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9044	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R9045	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9046	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9048	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9049	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9050	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9051	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9052	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9053	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9054	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R9055	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9056	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9057	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9059	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9060	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9061	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9062	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R9063	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9066	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9067	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9070	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9072	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9077	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R9078	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9079	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9080	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9081	VRS-CY1JF681FY	J	680 1/16W Metal Oxide	AA
R9082	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R9083	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R9084	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R9085	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R9086	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9088	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9102	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9103	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9104	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9105	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9106	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9107	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9108	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9109	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9110	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R9111	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R9112	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R9113	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R9114	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9115	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9116	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9117	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9118	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9120	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9121	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9122	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R9123	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9124	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9125	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9126	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9127	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9128	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9130	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
F9001	QFS-L1625TAZZY	J	Fuse, 1.6A	AD
FB8604	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB8801	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8802	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8803	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8804	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8806	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8903	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8904	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8905	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8913	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8914	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8915	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8916	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9001	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9013	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9014	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9015	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9016	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9017	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9018	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB9101	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9102	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9103	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9104	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9105	RBLN-0050TAZZY	J	Ferrite Bead	AA
P8901	QPLGN0569FJZZY	J	Plug, 7Pin(CA)	AE
P8903	QCNCMA172WJZZQ	J	Connector, 30Pin	AG
P9001	QPLGN0541FJZZY	J	Plug, 4Pin(CB)	AD
SC8801	QSOCN2090TAZZY	J	Socket, 20Pin	AD
LUG9101	QLUGHA007WJZZY	J	Lug	AC
SC9101	QCNCWA242WJZZ	J	Connector, 68Pin	AR
	XBPSN20P12JS0	J	Screw	AB

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5001	RH-iXA805WJZZQ	J	TMS320DM270GHK	BG
IC5003	RH-iXB201WJZZQ	J	LH28F320BFHE-P	AW
IC5004	VHiPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC5006	RH-iXB202WJZZQ	J	MT48LC4M32B2P-	BA
IC5101	VHiDS90C385-1Y	J	DS90C385MTDX	AP
IC5102	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC5103	RH-iXA828WJZZY	J	BD9300FV-FE2	AH
IC5201	RH-iXA420WJZZQ	J	TMS320DA150GGU	BE
IC5601	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5602	VHiTC7W08U/-1Y	J	TC7W08FU	AD
IC5603	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5604	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5605	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC5606	VHiLV245AT+-1Y	J	SN74LV245APWR	AF
IC5607	VHiLV245AT+-1Y	J	SN74LV245APWR	AF
IC5608	VHiLV244AT+-1Y	J	SN74LV244APWR	AF
IC5609	VHiNC7WZ125-1Y	J	NC7WZ125	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5001	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q5002	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5102	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q5103	VSUML2N++++-1Y	J	UML2N++++	AC
Q5105	VSRSS040P03-1Y	J	RSS040P03	AE
Q5601	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5602	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D5001	RH-FXA008WJZZY	J	GP1S092HCPIF	AD
D5101	VHDRB051L40-1Y	J	RB051L40	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X5001	RCRUAA008WJZZY	J		AM
X5201	RCRSC0186TAZZY	J	Crystal	AK

COILS

Ref. No.	Part No.	★	Description	Code
L5101	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L5102	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L5103	RCiLPA154WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5000	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C5001	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5002	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5003	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5004	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5005	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5006	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5007	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5008	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5009	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5010	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5011	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5012	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5013	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5015	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5016	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5017	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5018	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5019	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5020	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5021	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5022	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5023	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5024	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5025	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5026	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5027	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5028	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5029	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5030	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5034	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5035	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5101	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5102	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5104	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5106	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5107	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5110	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5111	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5114	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5115	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5116	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5117	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C5118	VCCCCY1HH330JY	J	33p 50V Ceramic	AA
C5119	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C5120	VCCCCY1HH181JY	J	180p 50V Ceramic	AA
C5121	RC-KZA113WJZZY	J	4.7 16V Ceramic	AB
C5122	VCCCCY1HH102JY	J	1000p 50V Ceramic	AB
C5123	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5126	RC-KZA110WJZZY	J	10 6.3V Ceramic	AD

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Ref. No.	Part No.	★	Description	Code
C5201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5203	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5205	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5206	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5207	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5208	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5209	VCCCCY1HH6R0DY	J	6p 50V Ceramic	AA
C5210	VCCCCY1HH6R0DY	J	6p 50V Ceramic	AA
C5601	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5603	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5604	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5605	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5606	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5607	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5609	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5610	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5612	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5613	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5614	RC-KZA041WJZZY	J	10 10V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5002	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5004	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5005	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R5006	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5007	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5008	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5009	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5010	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5011	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5012	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5013	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5015	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5016	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5017	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5018	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5019	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5020	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5021	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R5022	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5026	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5027	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R5028	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5029	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5030	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5034	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5035	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5036	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5037	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5041	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5042	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5043	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5055	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5056	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5057	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5058	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5059	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5060	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5061	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5062	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5063	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5064	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5065	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5066	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5067	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5069	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5070	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5071	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5072	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5073	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5074	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5075	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5076	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5077	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5078	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5079	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5080	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5081	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5105	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5106	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5107	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5108	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5109	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5114	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5115	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5116	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5117	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R5118	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5119	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R5120	VRS-CY1JF303FY	J	30k 1/16W Metal Oxide	AA
R5122	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R5123	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5124	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5125	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5128	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5134	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5137	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5138	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5139	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5140	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5141	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5142	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5144	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5203	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5205	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5207	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5208	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5209	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5212	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R5214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5601	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5602	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5603	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5604	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5605	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5606	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5609	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5610	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5611	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5612	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5613	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5616	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5617	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5618	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5619	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5621	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R5623	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5624	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5625	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5626	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5627	VRS-CJ1JF104JY	J	100k 1/16W Metal Oxide	AA

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PC CARD UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R5628	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5629	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5630	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5632	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R5634	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R5636	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB5101	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5102	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5103	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5104	RBLN-0060TAZZY	J	Ferrite Bead	AB
P5003	QPLGN0574FJZZY	J	Plug, 12Pin(PC)	AE
SC5102	QSOCNA239WJZZY	J	Socket, 32Pin	AP
SC5601	QSOCNA003WJZZY	J	Socket, 100Pin	AM
LUG5103	QLUGHA006WJZZY	J	Lug	AC
LUG5104	QLUGHA006WJZZY	J	Lug	AC
LUG5105	QLUGHA006WJZZY	J	Lug	AC
LUG5107	QLUGZA002WJZZY	J	Lug	AC
LUG5108	QLUGZA002WJZZY	J	Lug	AC
SC5602	QCNCMA162WJSA	J	Connector, 2Pin	AV
	XBPSN20P12JS0	J	Screw	AB

DUNTKC602DE02
FRONT UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q3001	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3002	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3005	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3006	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3007	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3008	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3009	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D3001	RH-PX0445CEZZY	J	PhotoDiode	AM
D3004	RH-PX0421CEZZY	J	PhotoDiode	AD

FILTERS

Ref. No.	Part No.	★	Description	Code
FL2401	RFiLN0017TAZZY	J	Filter	AC
FL2402	RFiLN0017TAZZY	J	Filter	AC
FL2403	RFiLN0017TAZZY	J	Filter	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2401	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C2402	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2403	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2404	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2405	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2408	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C2411	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C2412	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C2415	RC-KZA073WJZZY	J	10 16V Ceramic	AD
C2416	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2418	RC-KZA073WJZZY	J	10 16V Ceramic	AD
C2420	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2421	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2422	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2423	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2430	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C2431	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C3001	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3004	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3005	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2401	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2403	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2404	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2405	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R2406	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R2425	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2428	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2429	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2430	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2431	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2432	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2433	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2434	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2435	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2436	VRS-CY1JF274JY	J	270k 1/16W Metal Oxide	AA
R2437	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2438	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2440	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2441	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2445	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R2446	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R3001	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3002	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3003	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3004	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3005	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R3006	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3009	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3012	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3013	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3014	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3015	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3016	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3017	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3019	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3020	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3031	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2401	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2402	RBLN-0062TAZZY	J	Ferrite Bead	AB
J2401	QSOCDA025WJZZ	J	Socket	AE
J2402	QJAKJ0080CEZZ	J	Jack, 7Pin	AF
J2404	QJAKGA021WJZZ	J	Jack, 7Pin	AF
P2402	QPLGNA169WJZZ	J	Plug, 30Pin(AF)	AD
S3001	QSW-K0065GEZZY	J	Switch, 5Pin	AD
S3004	QSW-K0069CEZZ	J	Switch, 4Pin	AB
S3005	QSW-K0069CEZZ	J	Switch, 4Pin	AB
LUG2401	QLUGHA006WJZZY	J	Lug	AC
LUG2402	QLUGHA006WJZZY	J	Lug	AC
LUG2403	QLUGHA006WJZZY	J	Lug	AC
LUG2404	QLUGHA006WJZZY	J	Lug	AC
	QCNW-C295WJPZ	J	Connecting Cord	AY

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AUDIO IF UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6001	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6002	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6007	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q6008	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D6000	VHDMA157A//-1Y	J	MA157A	AC
D6001	VHDMA157A//-1Y	J	MA157A	AC
D6003	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6004	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6005	VHDMA157A//-1Y	J	MA157A	AC
D6006	VHDMA157A//-1Y	J	MA157A	AC

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AUDIO IF UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D6007	VHDMA157A//-1Y	J	MA157A	AC
D6008	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6009	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6010	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6011	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6012	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6013	VHDMA157A//-1Y	J	MA157A	AC
D6014	VHDMA157A//-1Y	J	MA157A	AC
D6015	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6016	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6017	VHDDAN202K/-1Y	J	DAN202K	AB
D6018	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6019	VHDHSU119//-1Y	J	HSU119	AB
D6020	VHDHSU119//-1Y	J	HSU119	AB
D6021	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6022	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6023	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6024	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6025	VHDHSU119//-1Y	J	HSU119	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C6002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6003	VCKYCY1AF105ZY	J	1 10V Ceramic	AC
C6004	VCKYCY1AF105ZY	J	1 10V Ceramic	AC
C6009	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6010	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C6011	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6012	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6013	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6014	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6015	VCKYCY1CF224ZY	J	0.22 16V Ceramic	AB
C6016	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6017	VCKYCY1CF224ZY	J	0.22 16V Ceramic	AB
C6018	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6019	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6020	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6021	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6022	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6000	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6001	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6002	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6003	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R6004	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6005	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6007	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6008	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6009	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6010	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6013	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R6014	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R6015	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6016	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R6017	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R6019	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6020	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6021	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6022	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6036	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R6037	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R6039	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6041	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6043	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6044	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R6045	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB6000	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6001	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6002	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6003	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6004	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6005	RBLN-0210TAZZY	J	Ferrite Bead	AB
P6000	QPLGN0064CEZZY	J	Plug, 14Pin(SH)	AE
P6001	QPLGNA061WJZZ	J	Plug, 7Pin(SJ)	AC
P6002	QPLGN0564TAZZY	J	Plug, 5Pin(SF)	AC
P6003	QPLGN0864TAZZY	J	Plug, 8Pin(SC)	AE
RY6000	RRLYDA002WJZZY	J	Relay	AK
RY6001	RRLYDA002WJZZY	J	Relay	AK
SC6000	QSOCZ2015CEZZ	J	Socket, 22Pin	AG
SC6001	QSOCDA016WJZZ	J	Socket S-OUT, 8Pin	AG
SC6002	QTANA0401GEZZ	J	Terminal EX-OUT, 4Pin	AG
LUG6001	QLUGHA002WJZZ	J	Lug	AB
LUG6002	QLUGHA002WJZZ	J	Lug	AB
	LANGTA168WJFW	J	Fixing Metal	AP
	LHLDW1121GEZZ	J	Holder	AB
	LHLDWA023WJKZ	J	Holder	AC
	XJPSN30P08XS0	J	Screw	AA
	QCNW-C287WJQZ	J	Connecting Cord	AQ
	QCNW-D256WJQZ	J	Connecting Cord	AT

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC400	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC401	VHiSM5302AS-1Y	J	SM5302AS-G-ET	AR
IC402	VHiCXD3802B-1Q	J	CXD3802BQ	BG
IC403	RH-iXB029WJZZQ	J	MT48LC2M32B2P6	AX
IC404	VHiSi3025LA-1Y	J	SI-3025LSA-TL	AF
IC501	VHiSi3025LA-1Y	J	SI-3025LSA-TL	AF
IC502	VHiCXD2096Q-1Q	J	CXD2096Q	BB
IC503	VHiSM5313AS-1Y	J	SM5313AS-G-ET	AM
IC600	VHiSM5313AS-1Y	J	SM5313AS-G-ET	AM
IC601	VHiVPC3230D1EQ	J	VPC3230D-QA-B3	BD
IC801	RH-iXB005WJN3Y	J	EPCS1S18N	AQ
IC802	RH-iXA835WJZZQ	J	EP1C4F400C8N	BC
IC1001	RH-iXB027WJN1Q	J	XC95144XL	AS
IC1500	VHiTLV1508P-1Y	J	TLV1508IPWR	AR
IC1501	VHiM62320FP-1Y	J	M62320FP	AH
IC1504	VHiTCVT244AFTY	J	TC74VHCT244AFT	AG
IC1505	VHiTCVT244AFTY	J	TC74VHCT244AFT	AG
IC1506	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC1507	VHiTC7W66U/-1Y	J	TC7W66FU	AE
IC1509	VHiM62320FP-1Y	J	M62320FP	AH
IC1512	VHiTC7W53U/-1Y	J	TC7W53FU	AF
IC1514	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC1515	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC1516	VHiTC7W08U/-1Y	J	TC7W08FU	AD
IC1517	VHiBD4729G+-1Y	J	BD4729G-TR	AD
IC1801	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1802	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1803	VHiPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1804	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1805	VHiBD4729G+-1Y	J	BD4729G-TR	AD
IC1806	VHiPQ015EZ1-1Y	J	PQ015EZ01ZP	AG
IC1807	VHiTPS54350-1Y	J	TPS54350PWPR	AN
IC1808	VHiTPS40055-1Y	J	TPS40055PWPR	AN
IC2101	RH-iXA873WJZZY	J	PCA9564PW,118	AS
IC2102	VHiBR24L64F-1Y	J	BR24L64F-WE2	AK
IC3201	VHiTLVD823+-1Q	J	THC63LVD823	AY
IC3202	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC3300	RH-iXB348WJZZQ	J	I.C.	BW
IC3401	RH-iXB077WJZZQ	J	K4D263238E-VC3	BB
IC3402	RH-iXA361WJZZY	J	LP2995MX	AM
IC3403	RH-iXB077WJZZQ	J	K4D263238E-VC3	BB
IC3700	VHiAD9981++-1Q	J	AD9981KSTZ-110	BD
IC3701	VHiTVHC153T-1Y	J	TC74VHC153FT	AE
IC3702	VHiPQ033EZ1-1Y	J	PQ033EZ01ZP	AF
IC3704	VHiTA1318AF1EY	J	TA1318AF	AS
IC3706	VHiPQ018EZ5-1Y	J	PQ018EZ5MZP	AF
IC3708	VHi7WH126FU-1Y	J	TC7WH126FU	AE
IC3709	VHiT7WH123U-1Y	J	TC7WH123FU	AD

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Ref. No.	Part No.	★	Description	Code
IC3710	VHiSN2G53CT-1Y	J	SN74AHC2G53HDC	AE
IC7201	RH-iX1530CEZZY	J	TC74HC4052AFEL	AF
IC7202	VHiMHCT74MT-1Y	J	MM74HCT74MTCX	AD
IC7203	VHiTVP5150A-1Y	J	TVP5150APBSR	AZ
IC7251	VHiPCA9516A-1Y	J	PCA9516APW,118	AP
IC7252	VHiPCA9516A-1Y	J	PCA9516APW,118	AP
IC7253	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC7254	VHiDS90C385-1Y	J	DS90C385MTDX	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q400	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q401	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q402	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q403	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q404	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q501	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q502	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q503	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q504	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q600	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q601	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q602	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q603	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q604	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q605	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q606	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q607	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q608	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1500	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1501	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1502	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1503	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1504	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1505	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1506	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1507	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1508	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1509	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1510	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1511	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1512	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1513	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1514	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1515	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1516	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1517	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1801	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1802	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q1803	VSRTQ045N03-1Y	J	RTQ045N03	AE
Q1804	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1805	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1807	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1808	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1809	VSRSS090N03-1Y	J	RSS090N03	AE
Q1810	VSFDS6676S+-1Y	J	FDS6676S	AH
Q7201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7202	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7203	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7204	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7207	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D801	RH-PXA018WJZZY	J	GM1HD55200A	AC
D1500	VHDDAN222//-1Y	J	DAN222	AA
D1501	VHD1SS355//-1Y	J	1SS355	AB
D1502	VHDDAN222//-1Y	J	DAN222	AA
D1503	VHD1SS355//-1Y	J	1SS355	AB
D1504	VHDDAN222//-1Y	J	DAN222	AA
D1505	VHD1SS355//-1Y	J	1SS355	AB
D1801	VHD1SS355//-1Y	J	1SS355	AB
D1802	VHD1SS355//-1Y	J	1SS355	AB
D1803	VHD1SS355//-1Y	J	1SS355	AB
D1805	RH-EXA087WJZZY	J	Zener Diode, 3.6V	AB
D1806	VHDDAN217U+-1Y	J	DAN217U	AB
D1808	VHD1SS355//-1Y	J	1SS355	AB
D3201	VHD1SS355//-1Y	J	1SS355	AB
D3700	VHDRB521S30-1Y	J	RB521S30	AC
D3701	VHDRB521S30-1Y	J	RB521S30	AC
D3702	VHD1SS355//-1Y	J	1SS355	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
TH1501	VHHT1103J44-1Y	J	Thermistor	AC
X401	RCRSZA026WJZZY	J	Crystal	AM
X501	RCRUAA042WJZZY	J	Packaged Circuit	AM
X600	RCRSC0012CEZZY	J	Crystal	AH
X801	RCRSZA028WJZZY	J	Crystal	AL
X3301	RCRUAA045WJZZY	J	Packaged Circuit	AK
X3302	RCRSZA024WJZZY	J	Crystal	AK
X3303	RCRUAA046WJZZY	J	Packaged Circuit	AL
X3304	RCRSZA025WJZZY	J	Crystal	AM
X3700	RFiLA0034CEZZ	J	Filter	AD
X7201	RCRSB0222GEZZ	J	Crystal	AF

COILS

Ref. No.	Part No.	★	Description	Code
L405	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L801	VPCEM220M1R7NY	J	Peaking, 22µH	AC
L1500	VPD9M470J6R6NY	J	Peaking, 47µH	AC
L1801	RCiLCA034WJZZY	J	Coil	AC
L1802	RCiLPA298WJZZY	J	Coil	AG
L3701	VPCUN100KR42NY	J	Peaking, 10µH	AB
L7251	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L7252	VPD9M100J1R7NY	J	Peaking, 10µH	AC

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C400	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C401	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C402	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C403	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C404	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C405	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C406	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C407	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C408	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C409	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C410	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C411	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C412	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C413	VCEASX0JN107MY	J	100	6.3V	Electrolytic	AC
C414	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C415	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C416	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C417	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C418	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C419	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C420	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C421	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C422	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C423	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C424	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C425	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C426	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C427	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C428	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C429	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C430	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C431	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C432	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C433	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C434	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C435	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C436	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C437	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C438	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C439	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C440	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C441	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C442	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C443	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB

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Ref. No.	Part No.	★	Description	Code
C444	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C445	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C446	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C447	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C448	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C449	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C450	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C451	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C452	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C453	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C454	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C455	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C456	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C457	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C458	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C459	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C460	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C461	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C462	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C463	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C464	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C465	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C466	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C467	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C501	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C502	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C503	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C504	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C505	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C506	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C507	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C508	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C509	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C510	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C511	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C512	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C513	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C514	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C515	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C516	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C517	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C518	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C519	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C520	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C521	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C522	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C523	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C524	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C525	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C526	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C527	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C528	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C529	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C530	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C531	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C532	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C533	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C534	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C535	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C536	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C537	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C538	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C539	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C540	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C541	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C542	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C543	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C544	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C545	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C546	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C547	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C548	VCKYCY1AB105KY	J	1 10V Ceramic	AB

Ref. No.	Part No.	★	Description	Code
C549	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C552	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C553	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C554	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C600	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C601	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C602	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C603	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C604	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C605	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C606	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C607	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C609	VCKYCY1AF684ZY	J	0.68 10V Ceramic	AB
C610	VCKYCY1AF684ZY	J	0.68 10V Ceramic	AB
C611	VCKYCY1AF684ZY	J	0.68 10V Ceramic	AB
C612	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C613	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C614	VCKYCY1AF684ZY	J	0.68 10V Ceramic	AB
C615	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C616	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C617	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C618	VCKYCY1AF684ZY	J	0.68 10V Ceramic	AB
C619	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C620	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C621	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C622	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C623	VCCCCY1HH1R0CY	J	1p 50V Ceramic	AA
C624	VCCCCY1HH1R0CY	J	1p 50V Ceramic	AA
C625	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C626	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C627	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C628	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C629	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C630	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C631	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C632	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C633	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C634	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C635	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C636	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C801	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C802	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C803	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C804	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C805	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C806	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C807	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C808	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C809	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C810	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C811	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C812	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C813	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C814	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C815	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C816	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C817	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C818	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C819	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C820	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C821	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C822	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C823	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C824	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C825	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C826	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C827	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C828	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C829	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C830	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C831	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C832	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C833	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C834	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C1002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C1004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1006	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1007	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1008	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1009	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1011	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1012	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1500	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1501	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C1502	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C1503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1517	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C1518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1523	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1526	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C1801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1802	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C1803	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1805	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1807	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C1808	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1810	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1813	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1815	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1817	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1818	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1820	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1822	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1823	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1824	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1825	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1826	VCAAPC1CJ107MY	J	100	16V	Electrolytic	AG
C1827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1829	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1831	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1832	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C1833	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1834	VCKYCY1CB473KY	J	0.047	16V	Ceramic	AA
C1835	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1836	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C1837	RC-KZA110WJZZY	J	10	6.3V	Ceramic	AD
C1838	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1839	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1840	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1841	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1842	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C1843	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1844	RC-KZA110WJZZY	J	10	6.3V	Ceramic	AD
C1845	RC-KZA110WJZZY	J	10	6.3V	Ceramic	AD
C1846	RC-KZA176WJZZY	J			Ceramic	AC
C1847	VCAAPE1AJ686MY	J	68	10V	Electrolytic	AE
C1848	RC-KZA176WJZZY	J			Ceramic	AC
C1849	VCAAPE0JJ227MY	J	220	6.3V	Electrolytic	AE
C1856	VCAAPC1DJ276MY	J	27	20V	Electrolytic	AF
C1857	VCAAPC1DJ276MY	J	27	20V	Electrolytic	AF
C1859	RC-KZA176WJZZY	J			Ceramic	AC
C2101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3201	VCKYCY1CF105ZY	J	1	16V	Ceramic	AA
C3203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3204	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3206	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3207	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3208	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3209	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3210	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3211	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3212	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3214	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3215	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3216	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3301	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3302	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3304	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3305	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3306	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3307	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3308	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3309	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3310	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3311	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3312	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3313	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3314	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3315	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3316	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3317	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3318	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3319	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3320	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3321	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3322	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3324	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3325	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3326	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3328	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3329	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3330	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3331	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3332	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3333	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3335	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3336	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3337	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3338	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3339	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3340	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3341	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3342	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3343	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3345	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3346	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3347	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3348	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3349	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3350	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3351	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3352	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3353	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3354	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3355	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C3356	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3357	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3358	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3359	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3360	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3363	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3364	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3365	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3366	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3367	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3368	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3369	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3370	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3371	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3372	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3373	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3374	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3375	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3376	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3377	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3378	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3401	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3402	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3403	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3404	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3405	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3406	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3407	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3408	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3409	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3410	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3411	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3412	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3413	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3414	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3415	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3416	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3417	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3418	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3419	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3420	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3421	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3422	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3423	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3424	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3425	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3426	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3427	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3428	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3429	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3430	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3431	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3432	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3433	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3434	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3435	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3436	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3437	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3439	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C3440	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3441	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3442	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3443	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3444	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3445	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3446	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3447	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3448	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3449	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3450	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3451	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3452	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3453	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3454	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3455	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3456	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3457	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3458	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3459	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3460	RC-KZA176WJZZY	J	10	10V	Ceramic	AC
C3461	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C3700	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3702	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3713	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3714	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3715	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3716	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3717	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3718	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3719	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3720	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3721	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3722	VCKYCY1EB473KY	J	0.047	25V	Ceramic	AA
C3732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3733	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3735	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3737	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3738	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3739	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C3743	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3744	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3745	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3746	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3747	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3748	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3750	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3751	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3752	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3754	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3761	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C3765	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3766	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3767	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3769	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3771	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3772	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3775	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3776	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C3777	VCKYCY1CB823KY	J	0.082	16V	Ceramic	AH
C7201	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C7202	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7203	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7204	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7205	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C7206	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C7207	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7208	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7209	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7210	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7211	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7251	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7252	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7253	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7254	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7255	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7256	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7257	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7258	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7259	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7260	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7261	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7262	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7263	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description	Code
C7264	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7265	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7266	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7267	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C7268	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C7269	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R400	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R401	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R402	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R403	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R404	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R405	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R406	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R407	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R408	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R409	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R410	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R411	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R412	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R414	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R417	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R418	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R419	VRS-CH1JF102JY	J	1k 1/16W Metal Oxide	AA
R420	VRS-CH1JF102JY	J	1k 1/16W Metal Oxide	AA
R421	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R422	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R424	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R425	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R426	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R427	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R428	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R429	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R430	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R431	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R439	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R442	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R450	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R451	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R452	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R501	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R502	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R503	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R504	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R505	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R507	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R508	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R509	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R510	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R511	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R512	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R513	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R514	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R515	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R516	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R517	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R518	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R519	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R520	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R521	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R522	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R523	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R524	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R525	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R526	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R527	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R528	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R529	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R530	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R531	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R532	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R533	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R600	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R601	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R602	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R603	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R604	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R605	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R606	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R607	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R608	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R609	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R610	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R611	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R612	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R613	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R614	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R615	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R616	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R617	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R618	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R619	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R620	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R621	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R622	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R623	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R624	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R625	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R626	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R627	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R628	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R629	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R630	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R631	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R632	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R634	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R636	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R637	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R639	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R640	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R641	VRK-CD1JJ103JY	J	10k 1/16W Metal Composition	AC
R642	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R646	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R647	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R801	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R802	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R803	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R804	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R805	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R810	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R814	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R815	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R816	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R817	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R818	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R819	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R820	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R821	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R822	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R823	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R824	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC

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Ref. No.	Part No.	★	Description	Code
R825	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R826	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R827	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R828	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R829	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R830	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R831	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R832	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R833	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R834	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R835	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R836	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R837	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R838	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R839	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R840	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R844	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R845	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1001	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1002	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1004	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1005	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1006	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1007	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1008	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1009	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1010	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1011	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R1012	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1013	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R1015	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R1016	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1018	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1019	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1020	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1021	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1023	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1024	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1025	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R1026	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1028	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1034	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1049	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1073	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R1075	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1077	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1078	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1079	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1082	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1500	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1501	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1502	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1503	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1504	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1505	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1506	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1507	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1508	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1509	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1510	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1511	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1512	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1514	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1515	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1517	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1518	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1519	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1520	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1521	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1522	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1523	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1533	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1534	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1535	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1536	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1537	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1540	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1543	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1545	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1546	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1547	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1548	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1551	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1552	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1554	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1559	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1560	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1562	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1563	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1564	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1565	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1566	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1571	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1576	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1578	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1579	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1580	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1582	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1589	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1590	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1592	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1594	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1596	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide (TU-45GD1E/R)	AA
R1596	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide (TU-45GD1F/I)	AA
R1597	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide (TU-45GD1K/I)	AA
R1597	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide (TU-45GD1F)	AA
R1597	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide (TU-45GD1R)	AA
R1597	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide (TU-45GD1E)	AA
R1598	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1606	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1608	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1610	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1612	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1614	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1615	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1619	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1801	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1802	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R1803	VRS-CY1JF820FY	J	82 1/16W Metal Oxide	AA
R1804	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1806	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1807	VRS-CY1JF470FY	J	47 1/16W Metal Oxide	AA
R1808	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1809	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1810	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R1812	VRS-CY1JF302FY	J	3k 1/16W Metal Oxide	AA
R1813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1814	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1815	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R1816	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1817	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1818	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1819	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1820	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1821	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1822	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1823	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1824	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1825	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R1827	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1828	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R1829	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R1830	VRS-CY1JF124JY	J	120k 1/16W Metal Oxide	AA
R1831	VRS-CY1JF274JY	J	270k 1/16W Metal Oxide	AA
R1832	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1833	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1834	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1835	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1836	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1837	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1838	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1839	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R1840	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1841	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1842	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1843	VRS-CY1JF820JY	J	82 1/16W Metal Oxide	AA
R1844	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1845	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1846	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1847	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1848	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1849	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1860	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1861	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1862	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1863	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R1864	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1865	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1866	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1867	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1868	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1869	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1870	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1871	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1872	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1873	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1874	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1875	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1876	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1877	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2101	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2102	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R2104	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2105	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2106	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2107	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2108	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2109	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2112	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2115	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R2116	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2117	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2118	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2119	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2120	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2121	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2123	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2127	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2129	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2150	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2153	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2157	VRK-CD1JJ103JY	J	10k 1/16W Metal Composition	AC
R2177	VRK-CD1JJ000JY	J	0 1/16W Metal Composition	AC
R2178	VRK-CD1JJ000JY	J	0 1/16W Metal Composition	AC
R3201	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3203	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3205	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3207	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3209	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3211	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3213	RR-TZ0073CEZZY	J	Resistor	AA
R3214	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3215	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3217	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3218	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3220	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3302	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3303	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3304	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3305	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3308	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3309	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3310	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3311	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3312	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3313	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3314	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3315	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3316	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3317	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3318	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3319	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3320	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3322	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3401	VRS-CH1JF220JY	J	22 1/16W Metal Oxide	AA
R3402	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3403	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3404	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3405	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3406	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3407	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3408	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3409	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3410	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3411	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3412	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3413	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3414	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3415	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3416	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3417	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3418	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3419	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3420	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3421	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3422	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3423	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3424	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3425	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3426	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R3427	VRK-CD1JJ220JY	J	22 1/16W Metal Composition	AC
R3428	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3429	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3430	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3431	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3432	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3433	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3434	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3435	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3436	VRS-CH1JF151JY	J	150 1/16W Metal Oxide	AA
R3437	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3438	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3439	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3440	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3441	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3442	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3443	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3444	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3445	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3446	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3447	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3448	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3449	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3450	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3451	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3452	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3453	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3454	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3455	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3456	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3457	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3458	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3459	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3460	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3461	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R3462	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3463	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3464	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3465	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3466	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3467	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3468	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3469	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3470	VRK-CD1JJ151JY	J	150 1/16W Metal Composition	AC
R3471	VRS-CH1JF220JY	J	22 1/16W Metal Oxide	AA
R3474	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R3477	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3478	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3479	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3480	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3481	VRK-CD1JJ220JY	J	22 1/16W Metal Composition	AC
R3482	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3483	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3484	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3485	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3488	VRS-CH1JF220JY	J	22 1/16W Metal Oxide	AA
R3498	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3499	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3500	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3501	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3502	VRK-CD1JJ220JY	J	22 1/16W Metal Composition	AC
R3503	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3504	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3505	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3506	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R3507	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3508	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3509	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3510	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3511	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3512	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3513	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3514	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3515	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3516	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3517	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3518	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3519	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3520	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3521	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3522	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3533	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3534	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3701	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3702	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3703	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3704	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3705	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3706	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R3707	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3708	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3709	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3710	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3711	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3712	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3713	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3718	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3721	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3722	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3724	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3725	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3726	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3727	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3729	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R3730	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3731	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3732	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3733	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3737	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3738	VRS-CY1JF512JY	J	5.1k 1/16W Metal Oxide	AA
R3739	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3740	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3741	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3742	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3743	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R3745	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3746	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

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MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R3747	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3751	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3752	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3753	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3760	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3761	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3763	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3766	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3767	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3768	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3769	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3785	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3786	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3787	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R3788	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R3789	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R7201	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7202	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7203	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7204	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7205	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7206	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7207	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7208	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7209	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R7210	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7211	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7212	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7213	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7214	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7215	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7251	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7252	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R7253	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R7255	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R7256	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7257	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7258	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7259	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7262	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7263	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7264	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7265	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7266	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7267	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7269	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7270	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7273	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R7274	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7275	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7280	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R7282	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7283	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R7284	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7285	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7286	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7287	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7288	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7289	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7290	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7291	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB401	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB402	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB403	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB404	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB405	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB501	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB502	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB503	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB504	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB600	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB801	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB3202	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3204	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3206	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3301	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3302	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3303	RBLN-A007WJZZY	J	Ferrite Bead	AC
FB3304	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3305	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3306	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3701	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3703	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB7251	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7252	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7253	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7254	RBLN-0060TAZZY	J	Ferrite Bead	AB
P801	QPLGN0060CEZZY	J	Plug, 10Pin	AE
P1001	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P1501	QPLGNA348WJZZY	J	Plug, 14Pin(SH)	AE
P1801	QPLGNA181WJZZY	J	Plug, 12Pin	AF
P1802	QPLGNA180WJZZY	J	Plug, 11Pin	AF
P3700	QPLGN0572FJZZY	J	Plug, 10Pin(MD)	AE
P7200	QPLGN0573FJZZY	J	Plug, 11Pin(ME)	AE
P7201	QPLGNA239WJZZY	J	Plug, 42Pin	AH
SC1500	QPLGNA346WJZZY	J	Plug, 12Pin	AC
SC3200	QSOCNA289WJZZY	J	Socket, 32Pin(LV)	AP
SC7200	QSOCN0493FJZZY	J	Socket, (FC)	AG
SC7201	QSOCNA289WJZZY	J	Socket, 32Pin(FC)	AP
LUG7208	QLUGHA006WJZZY	J	Lug	AC
LUG7209	QLUGHA006WJZZY	J	Lug	AC
LUG7210	QLUGHA006WJZZY	J	Lug	AC
LUG7211	QLUGHA006WJZZY	J	Lug	AC
SC2101	QCNCWA236WJZZQ	J	Connector, 30Pin	AG
SC2102	QCNCWA240WJZZQ	J	Connector, 80Pin	AL

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2801	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC2802	VHiTLVD824+-1Q	J	THC63LVD824	AY
IC2803	VHiM62332FP-1Y	J	M62332FP	AL
IC2851	VHiiCS570B+-1Y	J	ICS570BT	AQ
IC2852	RH-iXA967WJN2Q	J	XC2C32-4VQG44C	AQ
IC2853	RH-iXA967WJN2Q	J	XC2C32-4VQG44C	AQ
IC2854	RH-iXA967WJN2Q	J	XC2C32-4VQG44C	AQ
IC2855	VHiiCS570B+-1Y	J	ICS570BT	AQ
IC3102	VHiUPD4721G-1Y	J	UPD4721GS-GJG	AN
IC3103	VHiSii170BG-1Q	J	SII170BCLG64	BB
IC3104	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC3105	VHiPQ018EZ5-1Y	J	PQ018EZ5MZP	AF
IC3106	VHiLTC1694C-1Y	J	LTC1694CS5#TR	AM

DIODES

Ref. No.	Part No.	★	Description	Code
D2801	VHD1SS355//-1Y	J	1SS355	AB
D3103	VHDMA3120WA-1Y	J	MA3120WA	AD
D3104	VHDMA3120WA-1Y	J	MA3120WA	AD
D3105	VHD1SS355//-1Y	J	1SS355	AB
D3106	VHDHSU119//-1Y	J	HSU119	AB

COILS

Ref. No.	Part No.	★	Description	Code
L3101	RCiLFA119WJZZY	J	Coil	AE
L3102	RCiLFA119WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2801	VCEASY1CN476MY	J	47 16V Electrolytic	AC
C2802	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C2803	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C2804	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2805	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

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TMDS-TX UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C2806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2807	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2808	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2809	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2810	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2812	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2814	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2815	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2816	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2817	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2818	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2819	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2820	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2821	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2822	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2823	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2826	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C2827	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2852	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2857	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2858	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2859	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2860	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2861	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2862	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2863	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2864	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2865	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2866	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2867	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2868	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2869	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2870	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2871	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2872	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2873	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2874	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2875	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C2876	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2877	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2878	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2881	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2882	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2883	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C2884	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2885	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2886	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2887	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2888	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C2889	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2890	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3101	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3103	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3105	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3111	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3112	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3113	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3114	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3115	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3116	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C3118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3119	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3124	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3125	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C3126	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3127	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3128	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3131	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C3132	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C3133	VCEASY0JN107MY	J	100	6.3V	Electrolytic	AC
C3134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3135	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3136	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3137	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3138	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3139	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3140	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3141	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3142	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3143	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3144	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3145	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3146	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3147	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3148	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3149	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3150	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3151	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C3152	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3153	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3154	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3155	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3156	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description			Code
R2801	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2802	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2803	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2804	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2805	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2806	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2807	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2808	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2809	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2810	VRS-CY1JF101FY	J	100	1/16W	Metal Oxide	AD
R2812	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2814	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2815	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2816	VRS-CH1JF680JY	J	68	1/16W	Metal Oxide	AA
R2818	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R2819	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2820	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2821	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2822	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2823	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2824	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2825	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2826	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2827	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2828	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2829	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R2830	VRS-CY1JF121JY	J	120	1/16W	Metal Oxide	AA
R2833	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2834	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R2853	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2854	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R2855	VRS-CY1JF200JY	J	20	1/16W	Metal Oxide	AA
R2857	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R2859	VRS-CH1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R2862	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2867	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2868	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2869	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2870	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2871	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2872	VRS-CH1JF201JY	J	200	1/16W	Metal Oxide	AA
R2873	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R2874	VRS-CY1JF330JY	J	33	1/16W	Metal Oxide	AA
R2875	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R2876	VRS-CY1JF680JY	J	68	1/16W	Metal Oxide	AA
R2891	VRS-CY1JF390JY	J	39	1/16W	Metal Oxide	AA

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TMDS-TX UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R2892	VRS-CY1JF390JY	J	39 1/16W Metal Oxide	AA
R2893	VRS-CY1JF390JY	J	39 1/16W Metal Oxide	AA
R2894	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3104	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3105	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3106	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3107	VRS-TV1JD101JY	J	100 1/16W Metal Oxide	AA
R3108	VRS-TV1JD101JY	J	100 1/16W Metal Oxide	AA
R3112	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3113	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R3114	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3120	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3121	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3122	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3123	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3125	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3126	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3127	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3128	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3129	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3130	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3131	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3132	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3133	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3134	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3135	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3136	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3137	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R3199	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2801	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB2802	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2803	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2804	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2805	RBLN-1037CEZZY	J	Ferrite Bead	AB
FB2806	RBLN-1037CEZZY	J	Ferrite Bead	AB
FB2807	RBLN-1037CEZZY	J	Ferrite Bead	AB
FB2808	RBLN-1037CEZZY	J	Ferrite Bead	AB
FB2851	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2852	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2853	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2855	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2856	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2857	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2858	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2859	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2879	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
FB2880	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
FB3101	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3104	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3106	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3107	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3109	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3110	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3111	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3112	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB3113	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB3114	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB3115	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB3116	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3117	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3118	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3119	RBLN-0254TAZZY	J	Ferrite Bead	AB
L2850	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2851	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2852	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2853	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2854	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2855	RBLN-A093WJZZY	J	Ferrite Bead	AD
L2856	RBLN-A093WJZZY	J	Ferrite Bead	AD
P2851	QPLGN0056CEZZY	J	Plug, 6Pin(CA)	AD
P3101	QPLGN0567FJZZY	J	Plug, 5Pin(DU)	AD
P3104	QPLGNA346WJZZY	J	Plug, 12Pin(LP)	AC
SC2801	QSOCNA289WJZZY	J	Socket, 32Pin(LV)	AP
SC3101	QSOCN0437FJZZ	J	Socket, 11Pin	AM
SC3103	QSOCNA423WJPZ	J	Socket	AK
LUG3101	QLUGHA006WJZZY	J	Lug	AC
LUG3102	QLUGHA006WJZZY	J	Lug	AC
LUG3103	QLUGHA006WJZZY	J	Lug	AC
LUG3104	QLUGHA006WJZZY	J	Lug	AC
	LHLDZA240WJZZ	J	Holder	AE
	LHLDZA306WJZZ	J	Holder	AF
	PSPAGA133WJZZ	J	Spacer	AB
	PSPAGA133WJZZ	J	Spacer	AB

RDENCA110WJZZ
POWER SUPPLY UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ IC701	95KUCB0247AZ	J	IC, MIP2D2 0MPSCF	AH
⚠ IC702	95KUCY0136AZ	J	IC(CHIP), FA5501N-TE1	AL
⚠ IC703	95KUCY0159AY	J	IC(SOP), L6565DTR	AH
IC901	95KUCB0166AK	J	IC, UPC1093J-1-T	AD
IC902	95KUCY0166AY	J	IC(SOP), S-1170B50UC-OUJ-TF	AH
IC903	95KUCB0166AK	J	IC, UPC1093J-1-T	AD
IC904	95KUCY0160AY	J	IC(SOP, STSR30D-TR	AN
IC905	95KUCY0161AY	J	IC(SOP), LM2642MTCX	AT
IC906	95KUCY0138AZ	J	IC(SOP), BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
⚠ Q701	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
⚠ Q702	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
⚠ Q705	95KUAG0214BZ	J	2SK3326 (6)	AK
⚠ Q706	95KUAG0239AK	J	2SK3532-01MR F119SC	AM
⚠ Q707	95KUAY0146AZ	J	IMZ1A T108(CHIP)	AC
⚠ Q708	95KUAY0146AZ	J	IMZ1A T108(CHIP)	AC
⚠ Q711	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
⚠ Q712	95KUAC0230AB	J	2SC3632-K	AF
Q901	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q902	95KUAG0249AZ	J	2SK3715	AP
Q903	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
Q904	95KUAF0081AK	J	DTC114EKA T146(CHIP)	AC
Q907	95KUAY0158AZ	J	SI4894DY(CHIP)	AF
Q908	95KUAY0158AZ	J	SI4894DY(CHIP)	AF

DIODES

Ref. No.	Part No.	★	Description	Code
⚠ D701	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D704	95KUBB0259AK	J	D1UBA80-4062	AD
⚠ D705	95KUBC0169DK	J	ERA22-08V1	AD
⚠ D706	95KUBY0072AK	J	1SS376TE-17(CHIP)	AC
⚠ D707	95KUBY0008AK	J	D1FL20U-4063(CHIP)	AC
⚠ D708	95KUBB0149DZ	J	D3SBA60	AH
⚠ D709	95KUBH0002GZ	J	SF5L60-4100	AG
⚠ D710	95KUBY0008AK	J	D1FL20U-4063(CHIP)	AC
⚠ D711	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D713	95KUBY0008AK	J	D1FL20U-4063(CHIP)	AC
⚠ D715	95KUBC0169EK	J	ERA22-10V1	AD
⚠ D716	95KUBY0008AK	J	D1FL20U-4063(CHIP)	AC
⚠ D717	95KUBY0008AK	J	D1FL20U-4063(CHIP)	AC
⚠ D718	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D719	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D720	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D721	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D722	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ D723	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D901	95KUBC0207BK	J	ERB83-006V1(CHIP)	AD
D902	95KUBC0425AY	J	D1F60-4063	AC
D903	95KUBC0087AK	J	ERC81-006V11	AD
D905	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D906	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D907	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D908	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB

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POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D909	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D910	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D911	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D912	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D914	95KUBY0090AK	J	RB520S-30(CHIP)	AC
D915	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D916	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
⚠ ZD701	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
⚠ ZD702	95KUBDCQ201B	J	Zener Diode, 1ZB200-Y (TPA2)	AB
⚠ ZD703	95KUBXBM270B	J	Zener Diode, UDZS TE-17 27B(CHIP)	AB
⚠ ZD704	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
⚠ ZD705	95KUBDCH5R6C	J	Zener Diode, MTZJ T-77 5.6B	AB
⚠ ZD706	95KUBDRB2R0A	J	Zener Diode, RD2.0FB2-T7	AB
⚠ ZD707	95KUBXBM5R6B	J	Zener Diode, UDZS TE-17 5.6B(CHIP)	AB
⚠ ZD708	95KUBDCH160C	J	Zener Diode, MTZJ T-77 16B	AB
⚠ ZD709	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
ZD901	95KUBDCH5R6C	J	Zener Diode, MTZJ T-77 5.6B	AB
ZD902	95KUBXBM5R6B	J	Zener Diode, UDZS TE-17 5.6B(CHIP)	AB
ZD903	95KUBXBM180B	J	Zener Diode, UDZS TE-17 18B(CHIP)	AB
ZD904	95KUBXBM160B	J	Zener Diode, UDZS TE-17 16B(CHIP)	AB
ZD905	95KUBXBM130B	J	Zener Diode, UDZS TE-17 13B(CHIP)	AB
⚠ PC701	95KUDY0014AK	J	Photo Coupler(CHIP) PS2561L2-1-V-E3L	AD
⚠ PC702	95KUDY0014AK	J	Photo Coupler(CHIP) PS2561L2-1-V-E3L	AD
⚠ PC703	95KUDY0014AK	J	Photo Coupler(CHIP) PS2561L2-1-V-E3L	AD
⚠ PC704	95KUDY0014AK	J	Photo Coupler(CHIP) PS2561L2-1-V-E3L	AD
⚠ TH701	95KUEZ0501ZZ	J	Thermistor, M5R107CS	AD
⚠ VZ701	95KUERALH471	J	Varistor, ENC471D-10A	AD
⚠ VZ703	95KUERALH471	J	Varistor, ENC471D-10A	AD

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
⚠ L701	95KUKZ1271ZZ	J	Filter, SS11H-R08125	AE
⚠ L702	95KUKZ1271ZZ	J	Filter, SS11H-R08125	AE
⚠ L703	95KUKZ1249ZZ	J	Coil, TN1819T-02102	AH
⚠ L705	95KUKZ1283ZZ	J	Filter, SU9VF-02100	AE
L901	95KUKZ1208ZZ	J	Coil, PJ5H-220	AC
L902	95KUKZ1242ZZ	J	Coil, PC13-3R9N	AE
L903	95KUKZ1243ZZ	J	Coil, H•DI-1280G-7R0	AK
L904	95KUKZ0784ZZ	J	Coil, PC8T-3R3M	AE

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ L704	95K829195011	J	Transformer, CHT117-KTC	AH
⚠ T701	95K829195010	J	Transformer, PTTX93-KTC	AG
⚠ T702	95K830195007	J	Transformer, PTTX98-KTC	AN

CAPACITORS

Ref. No.	Part No.	★	Description			Code
⚠ C701	95KUGFZ224MN	J	0.22	275V	Film	AD
⚠ C702	95KUGFZ224MN	J	0.22	275V	Film	AD
⚠ C703	95KUGFZ224MN	J	0.22	275V	Film	AD
⚠ C704	95KUGCM332GL	J	3300p		Ceramic	AD
⚠ C705	95KUGCM332GL	J	3300p		Ceramic	AD
⚠ C706	95KUGCM332GL	J	3300p		Ceramic	AD
⚠ C707	95KUGDQ6R8FL	J	6.8	400V	Electrolytic	AE
⚠ C708	95KUGCU471JE	J	470p	1kV	Ceramic	AC
⚠ C709	95KUGDD221BJ	J	220	25V	Electrolytic	AD
⚠ C710	95KUGDF2R2CZ	J	22		Electrolytic	AC
⚠ C711	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
⚠ C712	95KUGCM102GL	J	1000p		Ceramic	AC
⚠ C713	95KUGCM102GL	J	1000p		Ceramic	AC
⚠ C714	95KUGXGCF221	J	220p		Ceramic(CHIP)	AB
⚠ C716	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
C717	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C718	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
⚠ C719	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
⚠ C720	95KUGFR684QB	J	0.68	450V	Film	AF
⚠ C722	95KUGCU331BS	J	330p	1kV	Ceramic	AC
⚠ C723	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
⚠ C724	95KUGXGCF222	J	2200p		Ceramic(CHIP)	AB
⚠ C725	95KUGXAED334	J	0.33	25V	Ceramic(CHIP)	AC
⚠ C726	95KUGXJSF102	J	1000p		Ceramic(CHIP)	AB
⚠ C728	95KUGXGFD333	J	0.033	25V	Ceramic(CHIP)	AB
⚠ C729	95KUGDF220CZ	J	22		Electrolytic	AC
⚠ C730	95KUGXAEF104	J	0.1		Ceramic(CHIP)	AB
⚠ C731	95KUGDR820FX	J	82	450V	Electrolytic	AM
⚠ C732	95KUGCV102JY	J	1000p	2kV	Ceramic	AC
⚠ C733	95KUGCV101JZ	J	100p	1kV	Ceramic	AC
⚠ C734	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
⚠ C735	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
⚠ C736	95KUGDE330CZ	J	33	35V	Electrolytic	AC
⚠ C737	95KUGCM102GL	J	1000p		Ceramic	AC
⚠ C739	95KUGXGDF220	J	22p		Ceramic(CHIP)	AB
⚠ C740	95KUGCM102GL	J	1000p		Ceramic	AC
⚠ C742	95KUGXJSF102	J	1000p		Ceramic(CHIP)	AB
⚠ C743	95KUGXGFD104	J	0.1		Ceramic(CHIP)	AB
⚠ C744	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
⚠ C745	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
⚠ C746	95KUGXGDF220	J	22p		Ceramic(CHIP)	AB
⚠ C748	95KUGXKEF224	J	0.22		Ceramic(CHIP)	AC
⚠ C749	95KUGXGDF101	J	100p		Ceramic(CHIP)	AB
C901	95KUGDB471FK	J	470	10V	Electrolytic	AC
C902	95KUGDB101AP	J	100	10V	Electrolytic	AC
C903	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C904	95KUGXGDF471	J	470p		Ceramic(CHIP)	AB
C905	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C906	95KUGDF100CZ	J	10		Electrolytic	AC
C907	95KUGDD182FZ	J	1800	25V	Electrolytic	AF
C908	95KUGDD182FZ	J	1800	25V	Electrolytic	AF
C909	95KUGDD182FZ	J	1800	25V	Electrolytic	AF
C910	95KUGDD821FM	J	820	25V	Electrolytic	AE
C912	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C915	95KUGXGDF471	J	470p		Ceramic(CHIP)	AB
C917	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C918	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C919	95KUGXGDF220	J	22p		Ceramic(CHIP)	AB
C920	95KUGXGDF220	J	22p		Ceramic(CHIP)	AB
C921	95KUGXGDF220	J	22p		Ceramic(CHIP)	AB
C922	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
C925	95KUGXMUZ220	J	22	20V	Electrolytic(CHIP)	AG
C926	95KUGXMUZ220	J	22	20V	Electrolytic(CHIP)	AG
C927	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C928	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C929	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C930	95KUGXMZC105	J	1	16V	Ceramic(CHIP)	AB
C931	95KUGXHEA105	J	1	6.3V	Ceramic(CHIP)	AC
C932	95KUGXNAC475	J	4.7	16V	Ceramic(CHIP)	AC
C933	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C934	95KUGXMVC820	J	82	16V	Electrolytic(CHIP)	AH
C935	95KUGXMVC820	J	82	16V	Electrolytic(CHIP)	AH
C936	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C937	95KUGXGCF332	J	3300p		Ceramic(CHIP)	AB
C938	95KUGXMTD474	J	0.47	25V	Ceramic(CHIP)	AB
C939	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
C940	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C941	95KUGXGDF101	J	100p		Ceramic(CHIP)	AB

RESISTORS

Ref. No.	Part No.	★	Description			Code
⚠ R701	95KUEXDBA224	J	220k	1/4W	Resistor(CHIP)	AB
⚠ R702	95KUEXDBA224	J	220k	1/4W	Resistor(CHIP)	AB
⚠ R703	95KUEXDBA224	J	220k	1/4W	Resistor(CHIP)	AB
⚠ R704	95KUEZ0850ZZ	J	6.8M	1W	Resistor	AB
⚠ R705	95KUEXBAW473	J	47k		Resistor(CHIP)	AB
⚠ R706	95KUEXCBR392	J	3.9k	1/8W	Resistor(CHIP)	AB
⚠ R707	95KUEXBAW472	J	4.7k		Resistor(CHIP)	AB
⚠ R708	95KUEXBAX000	J	0		Resistor(CHIP)	AB
R713	95KUEXBAW682	J	6.8k		Resistor(CHIP)	AB
⚠ R716	95KUEFD104ES	J	100k	1W	Resistor	AC
⚠ R718	95KUEXBAW474	J	470k		Resistor(CHIP)	AB
⚠ R719	95KUEXBAW153	J	15k		Resistor(CHIP)	AB
⚠ R720	95KUEXCBU000	J	0		Resistor(CHIP)	AB

RDENCA110WJZZ
POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
⚠ R721	95KUEXCBR2R2	J	2.2 1/8W Resistor(CHIP)	AB
⚠ R726	95KUEXDBA824	J	820k 1/4W Resistor(CHIP)	AB
⚠ R727	95KUEXDBA824	J	820k 1/4W Resistor(CHIP)	AB
⚠ R728	95KUEXDBA824	J	820k 1/4W Resistor(CHIP)	AB
⚠ R729	95KUEXBAW273	J	27k Resistor(CHIP)	AB
⚠ R732	95KUEXCBR473	J	47k 1/8W Resistor(CHIP)	AB
⚠ R733	95KUEXCAS220	J	22 1/8W Resistor(CHIP)	AB
⚠ R734	95KUEXCAS100	J	10 1/8W Resistor(CHIP)	AB
⚠ R735	95KUEFER68ER	J	0.68 2W Resistor	AC
⚠ R736	95KUEFER68ER	J	0.68 2W Resistor	AC
⚠ R737	95KUEXBAW101	J	100 Resistor(CHIP)	AB
⚠ R738	95KUEXBAW561	J	560 Resistor(CHIP)	AB
⚠ R739	95KUEYCR6803	J	680k 1/4W Resistor(CHIP)	AB
⚠ R740	95KUEYCR6803	J	680k 1/4W Resistor(CHIP)	AB
⚠ R741	95KUEYCR8203	J	820k 1/4W Resistor(CHIP)	AB
⚠ R742	95KUEYCN1502	J	15k Resistor(CHIP)	AB
R743	95KUEXBAW103	J	10k Resistor(CHIP)	AB
⚠ R746	95KUEFD333ES	J	33k 1W Resistor	AC
⚠ R747	95KUEXCBR473	J	47k 1/8W Resistor(CHIP)	AB
⚠ R748	95KUEFD333ES	J	33k 1W Resistor	AC
⚠ R749	95KUEFD333ES	J	33k 1W Resistor	AC
⚠ R750	95KUEFER68ER	J	0.68 2W Resistor	AC
⚠ R751	95KUEXCBR471	J	470 1/8W Resistor(CHIP)	AB
⚠ R752	95KUEXCBR220	J	22 1/8W Resistor(CHIP)	AB
⚠ R753	95KUEXCBR333	J	33k 1/8W Resistor(CHIP)	AB
⚠ R758	95KUEXCBR165	J	1.6M 1/8W Resistor(CHIP)	AB
⚠ R759	95KUEXCBR165	J	1.6M 1/8W Resistor(CHIP)	AB
⚠ R760	95KUEXCBR165	J	1.6M 1/8W Resistor(CHIP)	AB
⚠ R761	95KUEXCBR682	J	6.8k 1/8W Resistor(CHIP)	AB
⚠ R766	95KUEXCBR472	J	4.7k 1/8W Resistor(CHIP)	AB
⚠ R767	95KUEXBAX000	J	0 Resistor(CHIP)	AB
⚠ R768	95KUEXBAW473	J	47k Resistor(CHIP)	AB
⚠ R773	95KUEXBAW331	J	330 Resistor(CHIP)	AB
⚠ R774	95KUEXBAW331	J	330 Resistor(CHIP)	AB
⚠ R775	95KUEXBAW103	J	10k Resistor(CHIP)	AB
⚠ R776	95KUEXBAW103	J	10k Resistor(CHIP)	AB
⚠ R777	95KUEXBAW102	J	1k Resistor(CHIP)	AB
⚠ R780	95KUEXBAW103	J	10k Resistor(CHIP)	AB
⚠ R781	95KUEXBAW562	J	5.6k Resistor(CHIP)	AB
⚠ R782	95KUEXBAW473	J	47k Resistor(CHIP)	AB
⚠ R783	95KUEXBAW563	J	56k Resistor(CHIP)	AB
⚠ R784	95KUEXBAW562	J	5.6k Resistor(CHIP)	AB
⚠ R785	95KUEXBAW562	J	5.6k Resistor(CHIP)	AB
⚠ R787	95KUEYCR2613	J	261k 1/4W Resistor(CHIP)	AB
⚠ R788	95KUEXCBR472	J	4.7k 1/8W Resistor(CHIP)	AB
⚠ R789	95KUEFE562FT	J	5.6k 2W Resistor	AC
⚠ R790	95KUEFE562FT	J	5.6k 2W Resistor	AC
⚠ R791	95KUEFE562FT	J	5.6k 2W Resistor	AC
⚠ R792	95KUEYCR2613	J	261k 1/4W Resistor(CHIP)	AB
⚠ R793	95KUEYCR2613	J	261k 1/4W Resistor(CHIP)	AB
⚠ R794	95KUEXCBR683	J	68k 1/8W Resistor(CHIP)	AB
⚠ R795	95KUEXCBR563	J	56k 1/8W Resistor(CHIP)	AB
R901	95KUEXBAW121	J	120 Resistor(CHIP)	AB
R902	95KUEXBAW152	J	1.5k Resistor(CHIP)	AB
R903	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R904	95KUEYCN1002	J	10k Resistor(CHIP)	AB
R905	95KUEYCN1001	J	1k Resistor(CHIP)	AB
R906	95KUEYCN1002	J	10k Resistor(CHIP)	AB
R907	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R908	95KUEXBAW102	J	1k Resistor(CHIP)	AB
R909	95KUEXBAW222	J	2.2k Resistor(CHIP)	AB
R910	95KUEXBAW102	J	1k Resistor(CHIP)	AB
R911	95KUEYCN1002	J	10k Resistor(CHIP)	AB
R912	95KUEYCN1201	J	1.2k Resistor(CHIP)	AB
R913	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R914	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R915	95KUEXBAW561	J	560 Resistor(CHIP)	AB
R916	95KUEXBAW102	J	1k Resistor(CHIP)	AB
R918	95KUEXCBR472	J	4.7k 1/8W Resistor(CHIP)	AB
R919	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R920	95KUEXJAY472	J	4.7k 1/2W Resistor(CHIP)	AB
R921	95KUEXBAH153	J	15k Resistor(CHIP)	AB
R922	95KUEXBAW222	J	2.2k Resistor(CHIP)	AB
R923	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R924	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R926	95KUEXBAH563	J	56k Resistor(CHIP)	AB
R927	95KUEXBAW222	J	2.2k Resistor(CHIP)	AB
R928	95KUEXBAW223	J	22k Resistor(CHIP)	AB
R929	95KUEXBAW682	J	6.8k Resistor(CHIP)	AB
R930	95KUEXBAW102	J	1k Resistor(CHIP)	AB
R931	95KUEXBAW122	J	1.2k Resistor(CHIP)	AB
R934	95KUEYCX15L0	J	15m 1/2W Resistor(CHIP)	AB
R935	95KUEYCX15L0	J	15m 1/2W Resistor(CHIP)	AB
R936	95KUEXBAW4R7	J	4.7 Resistor(CHIP)	AB
R937	95KUEYCY9102	J	91k Resistor(CHIP)	AB
R938	95KUEYCY1202	J	12k Resistor(CHIP)	AB
R939	95KUEYCY1203	J	120k Resistor(CHIP)	AB
R940	95KUEXBAW150	J	15 Resistor(CHIP)	AB
R941	95KUEXBAW150	J	15 Resistor(CHIP)	AB
R942	95KUEXBAW682	J	6.8k Resistor(CHIP)	AB
R943	95KUEXBAW102	J	1k Resistor(CHIP)	AB
R944	95KUEXBAW4R7	J	4.7 Resistor(CHIP)	AB
R945	95KUEXBAW222	J	2.2k Resistor(CHIP)	AB
R994	95KUEYCN8202	J	82k Resistor(CHIP)	AB
R995	95KUEXBAW205	J	2M Resistor(CHIP)	AB
R996	95KUEXBAX000	J	0 Resistor(CHIP)	AB
R997	95KUEXBAW223	J	22k Resistor(CHIP)	AB

BALUNES

Ref. No.	Part No.	★	Description	Code
⚠ FB701	95KBFZ89856Z	J	Ferrite Bead FBR07HA850SB-00	AB
⚠ FB703	95KBFZ89856Z	J	Ferrite Bead FBR07HA850SB-00	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CD902	95KECB8161ZZ	J	Housing, MC306-7505B	AL
CD903	95KECB8162ZZ	J	Housing, MC306-7506B	AL
CD904	95KECB8163ZZ	J	Housing, MC306-7507B	AL
⚠ CN701	95KPEZ0139ZZ	J	Inlet, CCT2302-0711	AE
CN901	95KPCZ0381ZZ	J	Connector, B08B-PASK-1(LF)	AE
CN902	95KPCZ0382ZZ	J	Connector, B07B-PASK-1(LF)	AE
CN903	95KPGZ0039ZZ	J	Jack, HEC8110-010010	AG
CN904	95KPCZ0391ZZ	J	Connector, B03B-PASK-1(LF)	AD
⚠ F701	95KPJCZZ0197	J	Fuse, ET 2A/250V	AE
⚠ F702	95KPJCZZ0088	J	Fuse, FFT 1A/250V	AE
⚠ F703	95KPJT0185ZZ	J	Fuse, P110A	AD
FH701	95KPZZ0625ZZ	J	Fuse Holder, PFC5000-0502	AB
FH702	95KPZZ0625ZZ	J	Fuse Holder, PFC5000-0502	AB
⚠ LU901	95KPZZ0839ZZ	J	M1866	AB
⚠ LU902	95KPZZ0839ZZ	J	M1866	AB
LU903	95KFBZ0202ZZ	J	Lug, 0G-R30	AE
LU904	95KFBZ0202ZZ	J	Lug, 0G-R30	AE
LU905	95KFBZ0202ZZ	J	Lug, 0G-R30	AE
LU906	95KFBZ0202ZZ	J	Lug, 0G-R30	AE
LU907	95KFBZ0202ZZ	J	Lug, 0G-R30	AE
M901	95KLRZ7136ZR	J	Heat Sink, MC306-5001AC	AK
M902	95KLRZ7137ZR	J	Heat Sink, MC306-5002AC	AH
M903	95KLRZ7138ZQ	J	Angle, MC306-5003AC	AG
MD902	95KGZZ5627ZZ	J	Insulation Sheet, MC306-3002AC	AF
NP902	95KSBB2911ZZ	J	Label, MC306-6002A	AC
⚠ RY701	95KPHZ0216ZZ	J	Relay, G5PA-1DC5V(PF)	AH
SC901	95KRAE00027Z	J	Screw	AB
SC902	95KRAA3010AC	J	Screw	AB
SC903	95KRAA3010AC	J	Screw	AB
SC904	95KRAA3010AC	J	Screw	AB
SC905	95KRAA3010AC	J	Screw	AB
SC906	95KRAA3010AC	J	Screw	AB
SC907	95KRAA3010AC	J	Screw	AB
SC908	95KRAA00006Z	J	Screw	AB

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DC/DC CONVERTER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC951	95KUCY0169AY	J	IC(SOP), MD1422N-4072	AT
IC952	95KUCY0169AY	J	IC(SOP), MD1422N-4072	AT
IC1701	95KUCC0147AY	J	IC, PQ1CX12H2ZP	AM
IC1702	95KUCC0147AY	J	IC, PQ1CX12H2ZP	AM
IC1703	95KUCC0147AY	J	IC, PQ1CX12H2ZP	AM
IC1704	95KUCC0147AY	J	IC, PQ1CX12H2ZP	AM
IC1705	95KUCY0170AY	J	IC(SOP), LT1910 ES8	AT
IC1707	95KUCY0177AY	J	IC(CHIP), PQ20WZ1U	AH
IC1708	95KUCY0177AY	J	IC(CHIP), PQ20WZ1U	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q950	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q951	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q1701	95KUAY0198AY	J	DTC144EE T146(CHIP)	AB
Q1702	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q1703	95KUAY0198AY	J	DTC144EE T146(CHIP)	AB
Q1704	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q1705	95KUAY0198AY	J	DTC144EE T146(CHIP)	AB
Q1706	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q1707	95KUAY0198AY	J	DTC144EE T146(CHIP)	AB
Q1708	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC
Q1709	95KUAY0158AZ	J	SI4894DY(CHIP)	AF
Q1715	95KUAY0120BK	J	2SC4097-T106 QR(CHIP)	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D951	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D952	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D953	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D954	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D955	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D956	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1701	95KUBY0077AZ	J	M1FH3-4063(CHIP)	AD
D1702	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D1703	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1705	95KUBY0077AZ	J	M1FH3-4063(CHIP)	AD
D1706	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D1707	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1709	95KUBY0077AZ	J	M1FH3-4063(CHIP)	AD
D1710	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D1711	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1712	95KUBY0077AZ	J	M1FH3-4063(CHIP)	AD
D1713	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D1714	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1715	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1716	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1717	95KUBY0068AZ	J	D1FM3-4063(CHIP)	AD
D1719	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1721	95KUBY0078AK	J	1SS400 TE-61(CHIP)	AB
D1722	95KUBC0447AY	J	DAN217U T106	AC
D1723	95KUBC0447AY	J	DAN217U T106	AC
D1724	95KUBC0447AY	J	DAN217U T106	AC
ZD951	95KUBDRT130B	J	Zener Diode, RD13SB-T1	AB
ZD952	95KUBXAD8R2C	J	Zener Diode, RD8.2SB2-T1(CHIP)	AB
ZD1701	95KUBXBT2R4A	J	Zener Diode, RD2.4SB-T1(CHIP)	AB
ZD1702	95KUBXAD4R7C	J	Zener Diode, RD4.7SB2-T1(CHIP)	AD
ZD1703	95KUBXAD6R8C	J	Zener Diode, RD6.8SB2-T1(CHIP)	AB
ZD1704	95KUBXAD100C	J	Zener Diode, RD10SB2-T1(CHIP)	AD
ZD1705	95KUBXAD150A	J	Zener Diode, RD15SB-T1(CHIP)	AA
ZD1707	95KUBXAD160A	J	Zener Diode, RD16SB-T1(CHIP)	AB
ZD1708	95KUBXAD180A	J	Zener Diode, RD18SB-T1(CHIP)	AC

COILS

Ref. No.	Part No.	★	Description	Code
L951	95KUKY0015DY	J	Coil, SHP1055P-220A(CHIP)	AF
L952	95KUKY0016AY	J	Coil, SHP1260P-180A(CHIP)	AG
L1701	95KUKY0015BY	J	Coil, SHP1055P-330A(CHIP)	AF
L1702	95KUKY0015BY	J	Coil, SHP1055P-330A(CHIP)	AF
L1703	95KUKY0015BY	J	Coil, SHP1055P-330A(CHIP)	AF
L1704	95KUKY0015EY	J	Coil, SHP1055P-680A(CHIP)	AF
L1770	95KUKY0015AY	J	Coil, SHP1055P-3R3A(CHIP)	AF

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C950	95KUGXMVD220	J	22	25V	Electrolytic(CHIP)	AH
C951	95KUGXGFD473	J	0.047	25V	Ceramic(CHIP)	AB
C952	95KUGXGCF102	J	1000p		Ceramic(CHIP)	AB
C953	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C954	95KUGXGCF102	J	1000p		Ceramic(CHIP)	AB
C955	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C956	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C957	95KUGXMVC820	J	82	16V	Electrolytic(CHIP)	AH
C958	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C959	95KUGXGCF102	J	1000p		Ceramic(CHIP)	AB
C960	95KUGXMVD220	J	22	25V	Electrolytic(CHIP)	AH
C961	95KUGXGFD473	J	0.047	25V	Ceramic(CHIP)	AB
C962	95KUGXGCF102	J	1000p		Ceramic(CHIP)	AB
C963	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C964	95KUGXGCF102	J	1000p		Ceramic(CHIP)	AB
C965	95KUGXGCF103	J	0.01		Ceramic(CHIP)	AB
C966	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C967	95KUGXHVB151	J	150	10V	Electrolytic(CHIP)	AH
C968	95KUGXHVB151	J	150	10V	Electrolytic(CHIP)	AH
C969	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1701	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1702	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1703	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1704	95KUGXMUC390	J	39	16V	Electrolytic(CHIP)	AG
C1705	95KUGXHCD105	J	1	25V	Ceramic(CHIP)	AD
C1706	95KUGXNPA220	J	220	6.3V	Electrolytic(CHIP)	AG
C1707	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1708	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
C1709	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1710	95KUGXMUC390	J	39	16V	Electrolytic(CHIP)	AG
C1711	95KUGXHCD105	J	1	25V	Ceramic(CHIP)	AD
C1712	95KUGXNPA220	J	220	6.3V	Electrolytic(CHIP)	AG
C1713	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1714	95KUGXGCC334	J	0.33	16V	Ceramic(CHIP)	AB
C1715	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1716	95KUGXMUC390	J	39	16V	Electrolytic(CHIP)	AG
C1717	95KUGXHCD105	J	1	25V	Ceramic(CHIP)	AD
C1718	95KUGXNQB560	J	56	10V	Electrolytic(CHIP)	AG
C1719	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1720	95KUGXMTD224	J	0.22	25V	Ceramic(CHIP)	AB
C1721	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1722	95KUGXMUZ220	J	22	20V	Electrolytic(CHIP)	AG
C1723	95KUGXAEC105	J	1	16V	Ceramic(CHIP)	AB
C1724	95KUGXMUC390	J	39	16V	Electrolytic(CHIP)	AG
C1725	95KUGXGFD104	J	0.1	25V	Ceramic(CHIP)	AB
C1726	95KUGXHEB105	J	1	10V	Ceramic(CHIP)	AB
C1727	95KUGXHEB105	J	1	10V	Ceramic(CHIP)	AB
C1728	95KUGXGFD333	J	0.033	25V	Ceramic(CHIP)	AB
C1729	95KUGXMUC390	J	39	16V	Electrolytic(CHIP)	AG
C1738	95KUGZ1353ZZ	J	27	20V	Ceramic(CHIP)	AG
C1739	95KUGXNSD101	J	100	25V	Electrolytic(CHIP)	AD
C1740	95KUGXGCC334	J	0.33	16V	Ceramic(CHIP)	AB
C1741	95KUGXNSD101	J	100	25V	Electrolytic(CHIP)	AD
C1742	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1743	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1744	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1745	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1746	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1747	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1748	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1749	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB
C1750	95KUGXGQF104	J	0.1	50V	Ceramic(CHIP)	AB

RESISTORS

Ref. No.	Part No.	★	Description			Code
R950	95KUEXBAW100	J	10		Resistor(CHIP)	AB
R951	95KUEXBAW104	J	100k		Resistor(CHIP)	AB
R952	95KUEXBAW105	J	1M		Resistor(CHIP)	AB
R953	95KUEXBAW183	J	18k		Resistor(CHIP)	AB
R954	95KUEYCN1201	J	1.2k		Resistor(CHIP)	AB
R955	95KUEYCN1001	J	1k		Resistor(CHIP)	AB
R956	95KUEYCQR330	J	0.33	1/4W	Resistor(CHIP)	AB

RDENCA111WJZZ
DC/DC CONVERTER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R957	95KUEYCQR330	J	0.33 1/4W Resistor(CHIP)	AB
R958	95KUEYCN1201	J	1.2k Resistor(CHIP)	AB
R959	95KUEYCN1001	J	1k Resistor(CHIP)	AB
R960	95KUEYCN3401	J	3.4k Resistor(CHIP)	AB
R961	95KUEYCN3401	J	3.4k Resistor(CHIP)	AB
R962	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R963	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R965	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R966	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R970	95KUEXBAW100	J	10 Resistor(CHIP)	AB
R971	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R972	95KUEXBAW105	J	1M Resistor(CHIP)	AB
R973	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R974	95KUEYCN3300	J	330 Resistor(CHIP)	AB
R975	95KUEYCN1001	J	1k Resistor(CHIP)	AB
R976	95KUEYDWR160	J	0.16 1/2W Resistor(CHIP)	AC
R977	95KUEYDWR160	J	0.16 1/2W Resistor(CHIP)	AC
R978	95KUEYCN3300	J	330 Resistor(CHIP)	AB
R979	95KUEYCN1001	J	1k Resistor(CHIP)	AB
R980	95KUEYCN1201	J	1.2k Resistor(CHIP)	AB
R981	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R982	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R983	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R984	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R985	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R991	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R994	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R1701	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1702	95KUEXBAW563	J	56k Resistor(CHIP)	AB
R1703	95KUEXBAW471	J	470 Resistor(CHIP)	AB
R1704	95KUEYCS1500	J	150 Resistor(CHIP)	AB
R1705	95KUEYCS8200	J	82 Resistor(CHIP)	AB
R1706	95KUEYCS2201	J	2.2k Resistor(CHIP)	AB
R1707	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R1708	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1709	95KUEXBAW563	J	56k Resistor(CHIP)	AB
R1710	95KUEXBAW471	J	470 Resistor(CHIP)	AB
R1711	95KUEYCN2700	J	270 Resistor(CHIP)	AB
R1712	95KUEYCN3301	J	3.3k Resistor(CHIP)	AB
R1713	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R1714	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R1715	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1716	95KUEXBAW563	J	56k Resistor(CHIP)	AB
R1717	95KUEXBAW471	J	470 Resistor(CHIP)	AB
R1718	95KUEYCN1001	J	1k Resistor(CHIP)	AB
R1719	95KUEYCN5601	J	5.6k Resistor(CHIP)	AB
R1720	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R1721	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R1722	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1723	95KUEXBAW563	J	56k Resistor(CHIP)	AB
R1724	95KUEXBAW471	J	470 Resistor(CHIP)	AB
R1725	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R1726	95KUEYCN1202	J	12k Resistor(CHIP)	AB
R1727	95KUEYCN2201	J	2.2k Resistor(CHIP)	AB
R1728	95KUEXBAW101	J	100 Resistor(CHIP)	AB
R1729	95KUEYCV47L0	J	0.047 1/8W Resistor(CHIP)	AB
R1730	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R1731	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1732	95KUEXBAW105	J	1M Resistor(CHIP)	AB
R1733	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R1734	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R1749	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R1750	95KUEYCS6201	J	6.2k Resistor(CHIP)	AB
R1751	95KUEYCS2201	J	2.2k Resistor(CHIP)	AB
R1755	95KUEXBAW104	J	100k Resistor(CHIP)	AB
R1756	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R1757	95KUEYCS2201	J	2.2k Resistor(CHIP)	AB
R1758	95KUEYCS6201	J	6.2k Resistor(CHIP)	AB
R1759	95KUEXBAW470	J	47 Resistor(CHIP)	AB
R1760	95KUEXBAW470	J	47 Resistor(CHIP)	AB
R1762	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R1763	95KUEXCBU000	J	0 Resistor(CHIP)	AB
R1765	95KUEXBAW103	J	10k Resistor(CHIP)	AB
R1766	95KUEXBAW470	J	47 Resistor(CHIP)	AB
R1767	95KUEXBAW470	J	47 Resistor(CHIP)	AB
R1768	95KUEXCBU000	J	0 Resistor(CHIP)	AB

BALUNES

Ref. No.	Part No.	★	Description	Code
FB951	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB952	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB953	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB954	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB955	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB956	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB957	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB958	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1701	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1702	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1703	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1704	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1705	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1706	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1707	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1708	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB
FB1709	95KBFZ90190Z	J	Ferrite Bead BLM21PG221SN1D	AB

MISCELLANEOUS PARTS

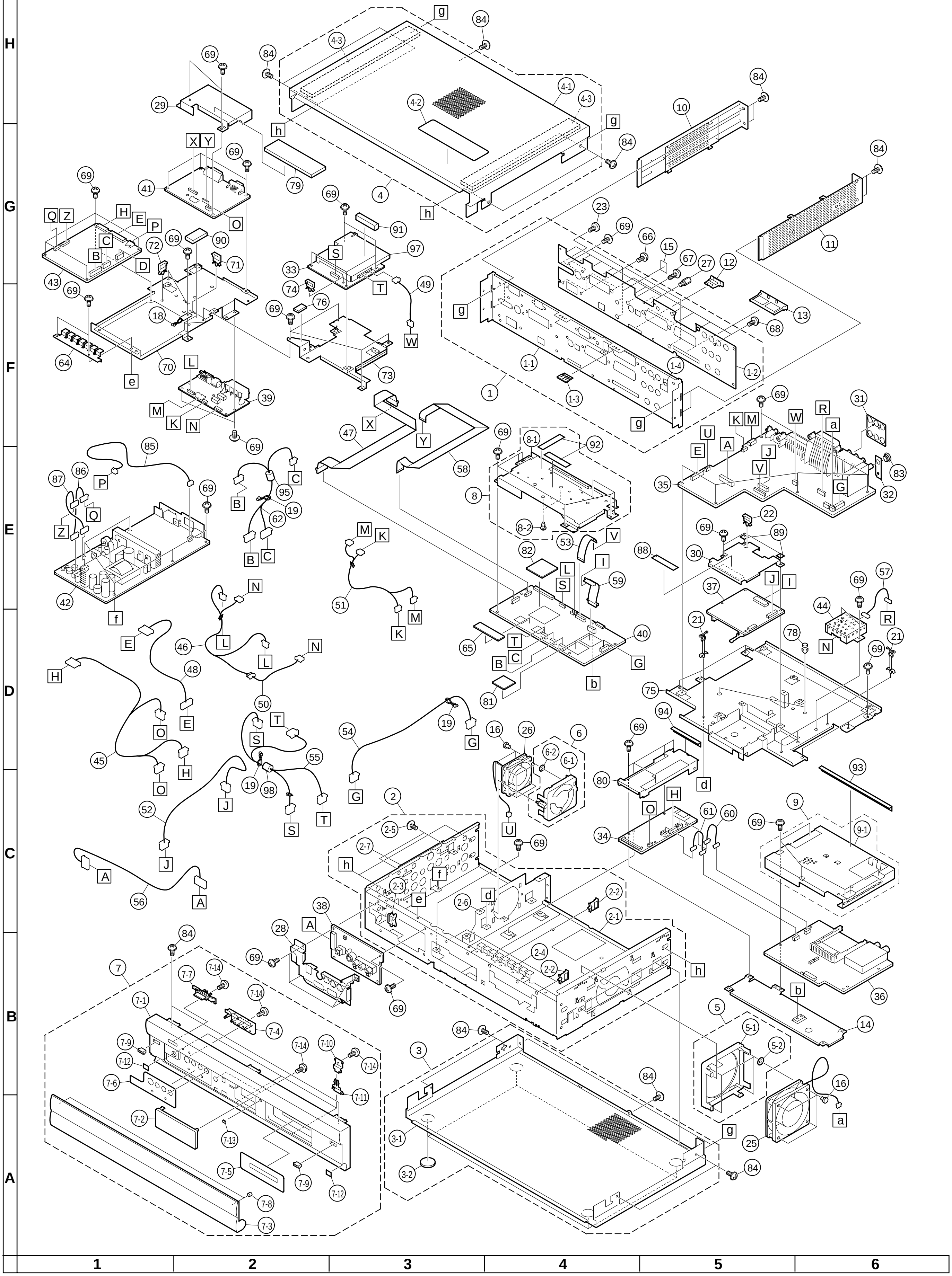
Ref. No.	Part No.	★	Description	Code
P1701	95KPCZ0384ZZ	J	Connector, B12B-PASK-1(LF)	AF
P1702	95KPCZ0432ZZ	J	Connector, B11B-PASK-1(LF)	AF
P1751	95KPCZ0385ZZ	J	Connector, S03B-PASK-2(LF)	AD
P1752	95KPCZ0375ZZ	J	Connector, SM12B-PASS-TBT(LF)	AK
P1781	95KPCZ0376ZZ	J	Connector, SM09B-PASS-TBT(LF)	AH
P1790	95KPCZ0381ZZ	J	Connector, B08B-PASK-1(LF)	AE
P1791	95KPCZ0382ZZ	J	Connector, B07B-PASK-1(LF)	AE
G1701	95KPZZ1077ZZ	J	Earth Terminal, SD01138-21	AD
G1702	95KPZZ1077ZZ	J	Earth Terminal, SD01138-21	AD
G1703	95KPZZ1077ZZ	J	Earth Terminal, SD01138-21	AD
G1704	95KPZZ1077ZZ	J	Earth Terminal, SD01138-21	AD

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CANGTA130WJ12	J	Rear Panel Ass'y	AU
1-1	*Not Available*	–	Rear Panel	—
1-2	HiNDPB223WJSA	J	Indication Label	AL
1-3	QEARZA020WJFW	J	Earth Spring, x2	AC
1-4	PFLT-A042WJZZ	J	Earth Sheet	AE
2	CCABAA469WJ06	J	Chassis Frame Ass'y	BB
2-1	*Not Available*	–	Chassis Frame	—
2-2	LHLDW1121GEZZ	J	Wire Holder, x3	AB
2-3	LHLDWA032WJZZ	J	Wire Holder	AD
2-4	QEARBA010WJFW	J	Earth Spring	AG
2-5	XJPSN30P08XS0	J	Screw, x2	AA
2-6	LANGTA106WJFW	J	Chassis Sub	AL
2-7	LANGTA107WJSA	J	Stand Angle	AM
3	CCABBA334WJ07	J	Bottom Cabinet Ass'y	AY
3-1	*Not Available*	–	Bottom Cabinet	—
3-2	GLEGGA034WJZZ	J	Rubber Leg, x4	AD
4	CCABBA389WJ03	J	Top Cabinet Ass'y	BC
4-1	*Not Available*	–	Top Cabinet	—
4-2	TCAUHA049WJSB	J	Caution Label	AD
4-3	PSLDMA571WJZZ	J	Gasket, x2	AQ
5	CHLDZA240WJ01	J	Fan Holder Ass'y	AH
5-1	*Not Available*	–	Fan Holder	—
5-2	PSPAGA133WJZZ	J	Spacer, x4	AB
6	CHLDZA306WJ01	J	Fan Holder Ass'y	AH
6-1	*Not Available*	–	Fan Holder	—
6-2	PSPAGA133WJZZ	J	Spacer, x4	AB
7	CPNLCA143WJ01	J	Front Panel Ass'y	BG
7-1	*Not Available*	–	Front Panel	—
7-2	GCOVAA638WJSA	J	B-CAS Card Cover	AK
7-3	GDORFA092WJSA	J	Door	AY
7-4	HDECQA333WJSA	J	LED Decoration Cover	AF
7-5	HiNDPA758WJSA	J	PC Card Indication Label	AE
7-6	HiNDPA839WJSA	J	Terminal Indication Label	AF
7-7	JBTN-A252WJKA	J	Power Button	AH
7-8	LANGTA121WJFW	J	Hinge Angle, x2	AC
7-9	LHLDZ3057GEZZ	J	Magnet Catch, x2	AE
7-10	LHLDZA323WJSA	J	Hinge Fixed Holder, x3	AL
7-11	MHNG-1072CEZZ	J	Hinge, x3	AH
7-12	PSPAGA191WJZZ	J	Spacer, x2	AB
7-13	PSPAZ0457CESA	J	Spacer	AA
7-14	XEBSN30P08000	J	Screw, x6	AA
8	CSLDMA567WJ02	J	MAIN Shield Ass'y	AX
8-1	*Not Available*	–	MAIN Shield	—
8-2	PSPANA008WJZZ	J	Spacer, x2	AC
9	CSLDMA388WJ01	J	DVT-T Shield Ass'y	AN
9-1	*Not Available*	–	DVT-T Shield	—
10	GCOVAA624WJKA	J	Side Cover(L)	AN
11	GCOVAA625WJKA	J	Side Cover(R)	AN
12	GCOVAA678WJKA	J	SD Cover	AE
13	GCOVHA042WJKA	J	Card Cover	AE
14	LANGTA133WJFW	J	MAIN PWB Angle	AH
15	TLABSA052WJSA	J	Gost Label(TU-45GD1R)	
16	LBSHZA003WJZZ	J	Fan Bush, x8	AD
17	LHLDW1009CEZZ	J	Wire Holder, x2	AA
18	LHLDW1046CEZZ	J	Wire Holder	AA
19	LHLDW1060CEZZ	J	Wire Holder, x4	AB
21	LHLDW1142CEZZ	J	Wire Holder, x4	AB
22	LHLDWA038WJZZ	J	Wire Holder	AC
23	LX-BZ3434CEFN	J	Screw, x2	AB
25	NFANR0120CEZZ	J	Cooling Fan(S)	AU
26	NFANR0126CEZZ	J	Cooling Fan(L)	AT
27	NSFTZ0134CEFW	J	Shaft Screw, x6	AD
28	PSLDMA303WJFW	J	Front Shield	AL

Ref. No.	Part No.	★	Description	Code
29	PSLDMA451WJFW	J	TMDS Shield	AH
30	PSLDMA342WJFW	J	PC Card Shield	AF
31	PSLDM4715CEFW	J	RCA Shield	AD
32	QEARPA136WJFW	J	Tuner Earth	AD
33	DUNTKC267FE50	–	DVI Unit	—
34	DUNTKC427FE31	J	CPU Unit	BX
35	DUNTKC480DE10	–	AV Unit(TU-45GD1E)	—
35	DUNTKC480DE11	–	AV Unit(TU-45GD1K)	—
35	DUNTKC480DE12	–	AV Unit(TU-45GD1F)	—
35	DUNTKC480DE13	–	AV Unit(TU-45GD1I)	—
35	DUNTKC480DE14	–	AV Unit(TU-45GD1R)	—
36	DUNTKC482FE01	J	DVB-T Unit	CP
37	DUNTKC544FE01	J	PC CARD Unit	BY
38	DUNTKC602DE02	–	FRONT Unit	—
39	DUNTKC603DE02	–	AUDIO IF Unit	—
40	DUNTKC938FE01	J	MAIN Unit(TU-45GD1E)	DM
40	DUNTKC938FE02	J	MAIN Unit(TU-45GD1K)	DM
40	DUNTKC938FE03	J	MAIN Unit(TU-45GD1F)	DM
40	DUNTKC938FE04	J	MAIN Unit(TU-45GD1I)	DM
40	DUNTKC938FE05	J	MAIN Unit(TU-45GD1R)	DM
41	DUNTKD051FE02	–	TMDS-TX Unit	—
42	RDENCA110WJZZ	–	POWER SUPPLY Unit	—
43	RDENCA111WJZZ	–	DC/DC CONVERTER Unit	—
44	B2SX4102BT	J	1BIT AMP Unit	BL
45	QCNW-C280WJQZ	J	Connecting Cord, (DP) CPU-SUB POW	AQ
46	QCNW-D256WJQZ	J	Connecting Cord, (SC, SH)	AT
47	QPWBHC571WJQZ	J	FPC, (LV) MAIN-TMDS	AX
48	QCNW-C026WJQZ	J	Connecting Cord, (PA)	AH
49	QCNW-C294WJPZ	J	Connecting Cord, (AD)	AL
50	QCNW-C286WJQZ	J	Connecting Cord, (SC) 1BIT-AUDIO)	AK
51	QCNW-C287WJQZ	J	Connecting Cord (SF, SJ)	AQ
52	QCNW-D253WJQZ	J	Connecting Cord, (PC)	AL
53	QCNW-C291WJQZ	J	Connecting Cord, (FC)	AD
54	QCNW-C292WJPZ	J	Connecting Cord, (MA)	AY
55	QCNW-D252WJQZ	J	Connecting Cord, (ME. MD)	AS
56	QCNW-C295WJPZ	J	Connecting Cord, (AF)	AY
57	QCNW-C034WJQZ	J	Connecting Cord, (SA) AV-1 BIT	AG
58	QCNW-C806WJQZ	J	Connecting Cord, (LP)	AN
59	QPWBHC572WJQZ	J	FPC, (FP) MAIN-CARD	AN
60	QCNW-C299WJQZ	J	Connecting Cord, (CB) CPU-IBO	AG
61	QCNW-C300WJQZ	J	Connecting Cord, (CA) CPU-IBO	AH
62	QCNW-D251WJQZ	J	Connecting Cord, (PF, PG)	AR
64	QEARBA009WJFW	J	Earth Spring	AG
65	PSPAZA644WJKZ	J	Spacer	AG
66	XBPSN30P06000	J	Screw, x4	AA
67	XEBSN26P06000	J	Screw	AA
68	XEBSN30P08000	J	Screw, x6	AA
69	XJPSN30P08XS0	J	Screw, x68	AA
70	LANGTA168WJFW	J	Fixing Metal	AP
71	LHLDWA023WJKZ	J	Wire Holder	AC
72	LHLDW1121GEZZ	J	Wire Holder	AB
73	LANGTA116WJN1	J	DVI Angle	AN
74	LHLDWA035WJZZ	J	Holder	AC
75	LANGTA131WJN2	J	TMDS PWB Angle	AT
76	PSPAGA202WJZZ	J	DVI Spacer	AA
78	PSPANA004WJZZ	J	Spacer, x2	AC
79	PMLT-A119WJZZ	J	Absorber	AE
80	PSLDMA389WJFW	J	CPU Shield	AM
81	PSPAZA398WJKA	J	Spacer, x3	AK
82	PSPAZA478WJKZ	J	Spacer	AP
83	QEARZ0057CEFW	J	Tuner Earth Spring	AB
84	XJPS930P08XS0	J	Screw, x16	AA
85	95KECB8161ZZ	J	Connecting Cord, (PK)	AL
86	95KECB8162ZZ	J	Connecting Cord, (PJ)	AL
87	95KECB8163ZZ	J	Connecting Cord, (PI)	AL
88	PFLT-A039WJZZ	J	Felt	AF
89	PFLT-A040WJZZ	J	Felt, x2	AD
90	PSLDMA470WJZZ	J	Shield	AE
91	PSLDMA477WJZZ	J	Shield	AF
92	PSLDMA479WJZZ	J	Shield, x2	AG
93	PSLDMA480WJZZ	J	Shield	AK
94	PSLDMA481WJZZ	J	Shield	AH
95	RCORFA020WJZZ	J	Core	AN
97	PSLDMA328WJFW	J	Shield	AF
98	RCORFA025WJZZ	J	Core	AK

CABINET AND MECHANICAL PARTS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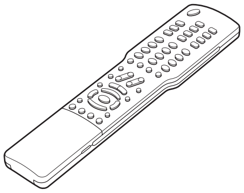
7-11
84
3
3-1
3-2
84
g
84
36
b
14
5
5-1
5-2
16
a
25

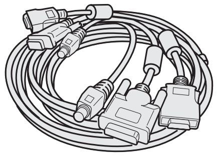
SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠ X1	QACCBA021WJPZ	J	AC Cord(TU-45GD1K)	AS
⚠ X1	QACCKA007WJPZ	J	AC Cord (TU-45GD1E/F/I/R)	AK
X2	QCNW-C656WJZZ	J	System cable	BH
X3	RRMCGA258WJSA	J	Remote Control Unit	BA
X4	QCNW-C322WJZZ	J	Antenna Cable	AL
X5	RCORFA020WJZZ	J	Core(for AC cord)	AN
X6	GDAi-A104WJSA	J	Stand	AX
X7	GLEGGA013WJZZ	J	Stand Cushion, x4	AC
X8	PSPAHA314WJZZ	J	Stand Spacer, x4	AC
X9	XBPSN50P16JS0	J	Stand Screw, x2	AB
X10	TiNS-B615WJZZ	J	Operation Manual (TU-45GD1E/K/F/I)	AZ
X10	TiNS-B616WJZZ	J	Operation Manual (TU-45GD1E/F)	AZ
X10	TiNS-B617WJZZ	J	Operation Manual (TU-45GD1E)	AZ
X10	TiNS-B648WJZZ	J	Operation Manual (TU-45GD1E/F)	AZ
X10	TiNS-B618WJZZ	J	Operation Manual (TU-45GD1R)	AX
X11	TCAUZA120WJZZ	J	Caution Card	AD
	TGAN-1688CEN1	J	Guarantee Card (TU-45GD1K)	AN
	TGAN-A077WJZZ	J	Guarantee Card (TU-45GD1R)	AE

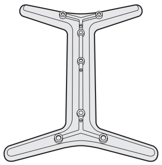
X3 Remote control unit



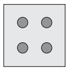
X2 System cable



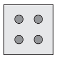
Stand unit (for AVC System)



X6 Stand



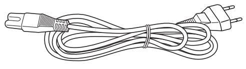
X7 Stand cushion



X8 Stand spacer

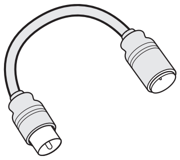
X9 Stand screw

X1 AC cord

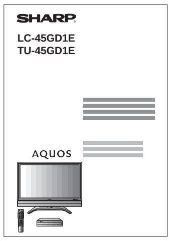


Product shape varies in some countries.

X4 Antenna cable



X10 Operation manual



SHARP
LC-45GD1E
TU-45GD1E
AQUOS

PACKING PARTS

(NOT REPLACEMENT ITEM)

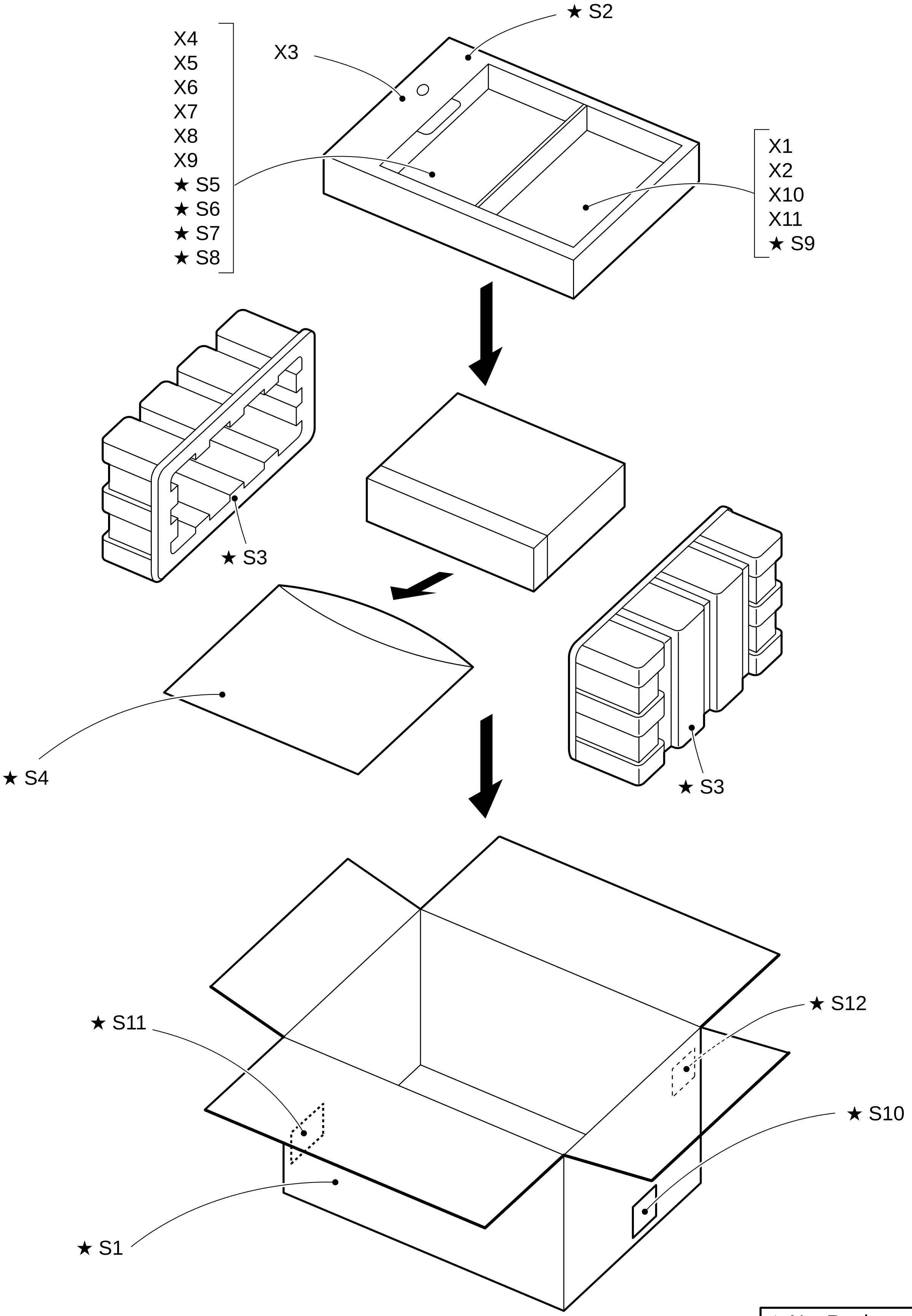
Ref. No.	Part No.	★	Description	Code
S1	SPAKCB768WJZZ	–	Packing Case	—
S2	SPAKFA739WJZZ	–	Packing Material	—
S3	SPAKXA517WJZZ	–	Buffer Material	—
S4	SPAKPA381WJZZ	–	Wrapping Paper	—
S5	SSAKA0170CEZZ	–	Polyethylene Bag (A4)	—
S6	SSAKA0219CEZZ	–	Polyethylene Bag	—
S7	SPAKPA321WJZZ	–	Wrapping Paper	—
S8	SSAKAA028WJZZ	–	Polyethylene Bag	—
S9	SSAKA1111CEZZ	–	Polyethylene Bag	—
S10	TLABSA050WJZZ	–	Green dot Label(TU-45GD1F)	—
S11	TLABSA053WJZZ	–	Gost Label(TU-45GD1R)	—
S12	TLABK0001TAZZ	–	Label	—

SERVICE JIGS

(Use For Servicing)

Ref. No.	Part No.	★	Description	Code
	QCNW-C875WJQZ	J	12pins,Main Unit to TMDS-Tx Unit	AX

PACKING OF THE SET (TU-45GD1E)


★ S2
X4
X5
X6
X7
X8
X9
★ S5
★ S6
★ S7
★ S8
X3
X1
X2
X10
X11
★ S9
★ S3
★ S4
★ S3
★ S12
★ S11
★ S10
★ S1

★ Not Replacement Item

PARTS LIST

(LC-45GD1E)

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	DUNTKC470VJ52	J	TMDS RX Unit	BZ
	DUNTKC471UJ03	–	INVERTER 1 Unit	—
	DUNTKC472UJ03	–	INVERTER 2 Unit	—
	DUNTKC473UJ03	–	INVERTER 3 Unit	—
	DUNTKC474UJ03	–	INVERTER 4 Unit	—
	DUNTKC475UJ03	–	MOTOR CONTROL Unit	—
	DUNTKC476UJ03	–	R/C LED Unit	—
	DUNTKC477UJ03	–	KEY Unit	—
	DUNTKC478UJ03	J	TOP LCD CONTROLLER Unit	CM
	DUNTKC479UJ03	J	BOTTOM LCD CONTROLLER Unit	BT
	DUNTKC504VJ03	–	LINE FILTER Unit	—
	DUNTKC506UJ03	–	DC/DC Unit	—
	DUNTKC507UJ03	–	CS CONTROL Unit	—
	RDENCA086WJZZ	–	POWER SUPPLY Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
	RLCDTA030WJZZ	J	45” Wide LCD Panel Unit (LK445D3FZA0)	HE

DUNTKC470VJ52
TMDS RX UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5301	VHiSii1161+-1Q	J	SII1161CTU	AY
IC5302	VHiM62332FP-1Y	J	M62332FP	AL
IC5305	VHi24LC21+16ES	J	EEPROM	
IC5306	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC5307	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC5401	VHiSii160G+-1Q	J	SII160CTG100	AZ
IC5402	VHiSii169G+-1Q	J	SII169CTG100	BC
IC5403	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC5404	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC5501	VHiTLVD823+-1Q	J	THC63LVD823	AY
IC5502	VHiTLVD823+-1Q	J	THC63LVD823	AY

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5301	VS2SK536///-1Y	J	2SK536	AE
Q5304	VSDTC114EE/-1Y	J	DTC114EE	AB
Q5305	VSDTA114EE/-1Y	J	DTA114EE	AB
Q5306	VS2SK536///-1Y	J	2SK536	AE
Q5307	VS2SK536///-1Y	J	2SK536	AE
Q5308	VS2SK536///-1Y	J	2SK536	AE
Q5309	VS2SK536///-1Y	J	2SK536	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D5302	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5303	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5305	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5307	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5309	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5310	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5311	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5312	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5313	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5314	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5315	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5316	VHDDAN202K/-1Y	J	DAN202K	AB
D5317	VHDHSU119//-1Y	J	HSU119	AB
D5318	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5319	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D5320	VHDDA221///-1Y	J	DA221	AB
D5321	VHDDA221///-1Y	J	DA221	AB
D5322	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5323	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5401	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D5402	VHDFUJ3C+++-1Y	J	FUJ3C	AD

COILS

Ref. No.	Part No.	★	Description	Code
L5405	RCiLP0343TAZZY	J	Coil	AD
L5406	RCiLP0301TAZZY	J	Coil	AF
L5407	RCiLP0343TAZZY	J	Coil	AD
L5408	RCiLP0303TAZZY	J	Coil	AG
L5409	RCiLP0343TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C5301	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C5302	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5303	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5304	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5307	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5308	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5309	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5310	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5311	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5312	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5313	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C5314	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5315	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5318	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C5320	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5321	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5322	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

DUNTKC470VJ52
TMDS RX UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C5324	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5325	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5326	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5328	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5329	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5330	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5331	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5332	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5333	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5335	VCAAPC1AJ685MY	J	6.8	10V	Electrolytic	AE
C5336	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5337	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5338	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5339	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5340	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5341	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5342	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5343	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5345	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5346	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5347	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5348	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5349	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5350	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5351	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5352	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5353	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5354	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5355	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5356	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5401	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5402	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5403	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5404	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5405	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5406	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5407	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5408	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5409	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5410	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5411	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5412	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5413	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5414	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5415	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5416	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5417	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5418	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5423	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5424	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5425	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5426	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5427	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5428	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5429	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5430	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5431	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5432	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5433	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5434	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5435	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C5436	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C5438	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C5439	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5440	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5441	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5442	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5443	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5444	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5445	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5446	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5447	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5448	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5449	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5450	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5451	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5452	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5453	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5454	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5455	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5456	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C5457	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5458	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5459	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5460	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5461	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C5462	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C5463	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5464	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5465	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5466	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5467	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C5468	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5469	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C5470	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C5471	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5472	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5473	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5474	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5475	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C5476	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C5477	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5478	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5479	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5480	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5481	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5482	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5483	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5484	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5485	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5486	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5487	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5488	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5489	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5490	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5491	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5492	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5493	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5494	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5495	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5496	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5497	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5498	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5499	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5500	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5504	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5505	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5508	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5510	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5511	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5513	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5515	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5517	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5518	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5520	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5524	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5525	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5526	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description	Code
C5527	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5528	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5529	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5530	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5531	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5532	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5533	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5534	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5535	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5536	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5537	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5538	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5539	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5540	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C5541	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5542	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5543	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5544	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5545	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5546	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5301	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5304	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R5305	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R5306	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5307	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R5308	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5310	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5311	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5312	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5313	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5314	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5315	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5316	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5317	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5318	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5321	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5324	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5326	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5328	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5329	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5330	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5331	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5332	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R5333	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5334	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5335	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R5336	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5339	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5341	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R5342	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R5344	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R5347	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5348	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5349	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5353	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5354	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5355	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5356	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5357	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5358	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5359	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5361	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5362	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R5363	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R5364	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5365	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R5366	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5367	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R5368	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5401	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5405	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R5406	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5407	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R5408	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5409	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5410	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5411	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5412	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5413	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5414	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5415	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5418	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5419	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5420	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5421	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5422	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5423	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5424	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5425	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5426	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5427	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5428	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5429	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5430	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5433	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5434	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5435	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5436	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5437	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5438	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5439	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R5440	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5441	VRS-CY1JF3R3JY	J	3.3 1/16W Metal Oxide	AA
R5442	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5443	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5444	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5445	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5446	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5447	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5448	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5449	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5450	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R5451	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5501	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5502	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5503	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5505	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5506	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5509	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5510	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5511	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5512	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5513	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5514	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

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TMDS RX UNIT(Continued)

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB5301	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5302	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5303	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5304	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5305	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5306	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5307	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5308	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5309	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5310	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5311	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5312	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5313	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5314	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5315	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5316	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5317	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5318	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5319	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5320	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5321	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5322	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5323	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5324	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5325	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5326	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5327	RBLN-A201WJZZY	J	Ferrite Bead	AB
FB5328	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5401	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5402	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5403	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5404	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5405	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5406	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5407	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5408	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5409	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5410	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5411	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5412	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5413	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB5414	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB5501	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5502	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5503	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5504	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5505	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5506	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5507	RBLN-0210TAZZY	J	Ferrite Bead	AB
J5301	QSOCDA016WJZZ	J	Socket, 7Pin	AG
P5301	QPLGNA177WJZZY	J	Plug, 8Pin(SO)	AE
P5401	QPLGNA176WJZZY	J	Plug, 7Pin(TV)	AE
SC5301	QSOCN0490FJZZY	J	Socket, 30Pin(C)	AF
SC5302	QSOCZA017WJZZ	J	Socket, 34Pin	AM
SC5303	QSOCZ2015CEZZ	J	Socket, 22Pin	AG
SC5501	QSOCNA289WJZZY	J	Socket, 32Pin(E)	AP
SC5502	QSOCNA289WJZZY	J	Socket, 32Pin(D)	AP
LUG5301	QLUGHA006WJZZY	J	Lug	AC
LUG5302	QLUGHA006WJZZY	J	Lug	AC
LUG5303	QLUGHA006WJZZY	J	Lug	AC
LUG5304	QLUGHA006WJZZY	J	Lug	AC
LUG5305	QLUGHA006WJZZY	J	Lug	AC
LUG5306	QLUGHA006WJZZY	J	Lug	AC
	GCOVAA923WJKA	J	Cover	AN
	LANGQA014WJFW	J	Fixing Metal	AM
	NSFTZ0134CEFW	J	Shaft	AD
	LX-BZ3434CEFN	J	Screw	AB
	XBPS730P08JS0	J	Screw	AB

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7301	VHiBD9884FV-1Y	J	BD9884FV-E2	AM
IC7302	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7303	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7303	VSRSS075P03-1Y	J	RSS075P03	AF
Q7304	VSRSS090N03-1Y	J	RSS090N03	AE
Q7309	VSRSS075P03-1Y	J	RSS075P03	AF
Q7310	VSRSS090N03-1Y	J	RSS090N03	AE
Q7313	VSRSS075P03-1Y	J	RSS075P03	AF
Q7314	VSRSS090N03-1Y	J	RSS090N03	AE
Q7317	VSRSS075P03-1Y	J	RSS075P03	AF
Q7318	VSRSS090N03-1Y	J	RSS090N03	AE
Q7323	VSRSS075P03-1Y	J	RSS075P03	AF
Q7324	VSRSS090N03-1Y	J	RSS090N03	AE
Q7327	VSRSS075P03-1Y	J	RSS075P03	AF
Q7328	VSRSS090N03-1Y	J	RSS090N03	AE
Q7329	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7330	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7335	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7301	VHDDAN217U+-1Y	J	DAN217U	AB
D7302	VHDDAN217U+-1Y	J	DAN217U	AB
D7303	VHDDAN217U+-1Y	J	DAN217U	AB
D7304	VHDDAN217U+-1Y	J	DAN217U	AB
D7305	VHDRB160M30-1Y	J	RB160M30	AC
D7306	VHDRB160M30-1Y	J	RB160M30	AC
D7307	VHDDAN217U+-1Y	J	DAN217U	AB
D7308	VHDDAN217U+-1Y	J	DAN217U	AB
D7309	VHDDAN217U+-1Y	J	DAN217U	AB
D7310	VHDDAN217U+-1Y	J	DAN217U	AB
D7311	VHDRB160M30-1Y	J	RB160M30	AC
D7312	VHDRB160M30-1Y	J	RB160M30	AC
D7313	VHDDAN217U+-1Y	J	DAN217U	AB
D7314	VHDDAN217U+-1Y	J	DAN217U	AB
D7315	VHDDAN217U+-1Y	J	DAN217U	AB
D7316	VHDDAN217U+-1Y	J	DAN217U	AB
D7317	VHDRB160M30-1Y	J	RB160M30	AC
D7318	VHDRB160M30-1Y	J	RB160M30	AC
D7320	VHDDAN217U+-1Y	J	DAN217U	AB
D7321	VHDDAN217U+-1Y	J	DAN217U	AB
D7322	VHDDAN217U+-1Y	J	DAN217U	AB
D7323	VHDDAN217U+-1Y	J	DAN217U	AB
D7324	VHDRB160M30-1Y	J	RB160M30	AC
D7325	VHDRB160M30-1Y	J	RB160M30	AC
D7326	VHDDAN217U+-1Y	J	DAN217U	AB
D7327	VHDDAN217U+-1Y	J	DAN217U	AB
D7328	VHDDAN217U+-1Y	J	DAN217U	AB
D7329	VHDDAN217U+-1Y	J	DAN217U	AB
D7330	VHDRB160M30-1Y	J	RB160M30	AC
D7331	VHDRB160M30-1Y	J	RB160M30	AC
D7332	VHDDAN217U+-1Y	J	DAN217U	AB
D7333	VHDDAN217U+-1Y	J	DAN217U	AB
D7334	VHDDAN217U+-1Y	J	DAN217U	AB
D7335	VHDDAN217U+-1Y	J	DAN217U	AB
D7336	VHDRB160M30-1Y	J	RB160M30	AC
D7337	VHDRB160M30-1Y	J	RB160M30	AC
D7339	VHD1SS355//-1Y	J	1SS355	AB
D7340	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB
D7341	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7301	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7302	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7303	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7304	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7305	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7306	RTRNZA056WJZZ	J	Transformer	AN

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CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5901	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5902	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5903	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5904	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5905	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5906	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5907	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5908	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5909	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5910	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5911	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5912	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7301	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7302	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7303	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7304	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7306	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7307	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7308	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7309	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7310	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7311	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7312	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7313	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7314	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7317	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7318	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7319	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7320	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7321	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7322	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7323	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7324	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7325	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7327	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7328	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7330	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7331	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7332	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7333	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7334	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7335	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7336	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7338	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7339	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7340	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7341	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7342	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7343	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7344	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7345	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7346	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7349	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7350	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7351	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7352	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7353	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7354	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7355	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7356	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7357	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7359	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7360	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7362	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7363	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7364	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7366	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7367	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7368	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7369	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7370	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7371	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7373	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7374	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7375	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7376	RC-KZ0082TAZZY	J	1 10 Ceramic	AC
C7377	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7378	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7379	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7380	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7381	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7385	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7386	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7387	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5901	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5902	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5903	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5904	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5905	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5906	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5907	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5908	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5909	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5910	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5911	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5912	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5913	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5914	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5915	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5916	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5917	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5918	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5919	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5920	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5921	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5922	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5923	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5924	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R7301	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7302	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7303	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7304	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7305	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7307	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7308	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7309	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7310	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7312	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7313	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7315	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7316	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7318	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7320	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7321	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7322	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7323	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7326	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7327	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7330	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7331	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7332	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7333	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7334	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7335	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7336	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7337	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7338	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7339	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7341	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7343	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7344	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7345	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7346	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7347	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7348	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7349	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7350	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7351	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7352	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7353	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7354	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7355	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7356	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7357	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7358	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7359	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7360	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7361	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7363	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7367	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7368	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7369	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7370	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7371	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7372	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7373	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7374	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7375	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7376	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7377	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7382	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7384	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7385	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7387	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7388	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7391	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide	AA
R7392	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7393	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7394	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7398	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7399	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7301	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
⚠ F7302	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
FH7301	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7302	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7307	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7308	QFSHD1002CEZZ	J	Fuse Holder	AA
P7301	QPLGNA237WJZZY	J	Plug, 2Pin(LA)	AC
P7302	QPLGNA237WJZZY	J	Plug, 2Pin(LB)	AC
P7303	QPLGNA237WJZZY	J	Plug, 2Pin(LC)	AC
P7304	QPLGNA237WJZZY	J	Plug, 2Pin(LD)	AC
P7305	QPLGNA237WJZZY	J	Plug, 2Pin(LE)	AC
P7306	QPLGNA237WJZZY	J	Plug, 2Pin(LF)	AC
P7307	QPLGN0467GEZZ	J	Plug, 4Pin(NP1)	AB
P7308	QPLGZ1213CEZZ	J	Plug, 12Pin(BL1)	AE
P7309	QPLGNA051WJZZ	J	Plug, 12Pin(MN1)	AB
LUG7301	QLUGHA006WJZZY	J	Lug	AC
LUG7302	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7401	VHiBD9884FV-1Y	J	BD9884FV-E2	AM
IC7402	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7403	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7403	VSRSS075P03-1Y	J	RSS075P03	AF
Q7404	VSRSS090N03-1Y	J	RSS090N03	AE
Q7409	VSRSS075P03-1Y	J	RSS075P03	AF
Q7410	VSRSS090N03-1Y	J	RSS090N03	AE
Q7413	VSRSS075P03-1Y	J	RSS075P03	AF
Q7414	VSRSS090N03-1Y	J	RSS090N03	AE
Q7417	VSRSS075P03-1Y	J	RSS075P03	AF
Q7418	VSRSS090N03-1Y	J	RSS090N03	AE
Q7423	VSRSS075P03-1Y	J	RSS075P03	AF
Q7424	VSRSS090N03-1Y	J	RSS090N03	AE
Q7427	VSRSS075P03-1Y	J	RSS075P03	AF
Q7428	VSRSS090N03-1Y	J	RSS090N03	AE
Q7429	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7430	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7435	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7401	VHDDAN217U+-1Y	J	DAN217U	AB
D7402	VHDDAN217U+-1Y	J	DAN217U	AB
D7403	VHDDAN217U+-1Y	J	DAN217U	AB
D7404	VHDDAN217U+-1Y	J	DAN217U	AB
D7405	VHDRB160M30-1Y	J	RB160M30	AC
D7406	VHDRB160M30-1Y	J	RB160M30	AC
D7407	VHDDAN217U+-1Y	J	DAN217U	AB
D7408	VHDDAN217U+-1Y	J	DAN217U	AB
D7409	VHDDAN217U+-1Y	J	DAN217U	AB
D7410	VHDDAN217U+-1Y	J	DAN217U	AB
D7411	VHDRB160M30-1Y	J	RB160M30	AC
D7412	VHDRB160M30-1Y	J	RB160M30	AC
D7413	VHDDAN217U+-1Y	J	DAN217U	AB
D7414	VHDDAN217U+-1Y	J	DAN217U	AB
D7415	VHDDAN217U+-1Y	J	DAN217U	AB
D7416	VHDDAN217U+-1Y	J	DAN217U	AB
D7417	VHDRB160M30-1Y	J	RB160M30	AC
D7418	VHDRB160M30-1Y	J	RB160M30	AC
D7420	VHDDAN217U+-1Y	J	DAN217U	AB
D7421	VHDDAN217U+-1Y	J	DAN217U	AB
D7422	VHDDAN217U+-1Y	J	DAN217U	AB
D7423	VHDDAN217U+-1Y	J	DAN217U	AB
D7424	VHDRB160M30-1Y	J	RB160M30	AC
D7425	VHDRB160M30-1Y	J	RB160M30	AC
D7426	VHDDAN217U+-1Y	J	DAN217U	AB
D7427	VHDDAN217U+-1Y	J	DAN217U	AB
D7428	VHDDAN217U+-1Y	J	DAN217U	AB
D7429	VHDDAN217U+-1Y	J	DAN217U	AB
D7430	VHDRB160M30-1Y	J	RB160M30	AC
D7431	VHDRB160M30-1Y	J	RB160M30	AC
D7432	VHDDAN217U+-1Y	J	DAN217U	AB
D7433	VHDDAN217U+-1Y	J	DAN217U	AB
D7434	VHDDAN217U+-1Y	J	DAN217U	AB
D7435	VHDDAN217U+-1Y	J	DAN217U	AB
D7436	VHDRB160M30-1Y	J	RB160M30	AC
D7437	VHDRB160M30-1Y	J	RB160M30	AC
D7439	VHD1SS355//-1Y	J	1SS355	AB
D7440	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB
D7441	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7401	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7402	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7403	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7404	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7405	RTRNZA056WJZZ	J	Transformer	AN
⚠ T7406	RTRNZA056WJZZ	J	Transformer	AN

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5915	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5916	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5917	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5918	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5919	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5920	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5921	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5922	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5923	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA

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Ref. No.	Part No.	★	Description	Code
C5924	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5925	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5926	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7401	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7402	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7403	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7404	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7406	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7407	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7408	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7409	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7410	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7411	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7412	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7413	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7414	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7417	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7418	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7419	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7420	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7421	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7422	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7423	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7424	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7425	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7427	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7428	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7430	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7431	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7432	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7433	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7434	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7435	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7436	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7438	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7439	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7440	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7441	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7442	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7443	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7444	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7445	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7446	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7449	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7450	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7451	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7452	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7453	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7454	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7455	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7456	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7457	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7459	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7460	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7462	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7463	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7464	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7466	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7467	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7468	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7469	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7470	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7471	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7473	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7474	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7475	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7476	RC-KZ0082TAZZY	J	1 10 Ceramic	AC
C7477	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7478	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7479	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7480	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7481	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
C7485	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7486	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7487	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5926	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5927	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5928	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5929	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5930	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5931	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5932	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5933	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5934	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5935	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5936	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5937	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5938	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5939	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5940	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5941	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5942	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5943	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5944	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5945	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5946	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5947	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5948	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5949	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R7401	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7402	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7403	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7404	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7405	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7406	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7407	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7408	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7409	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7410	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7412	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7413	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7414	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7415	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7416	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7417	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7418	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7420	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7421	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7422	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7423	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7424	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7425	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7427	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7430	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7431	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7432	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7433	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7434	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7435	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7436	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7437	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7438	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7439	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7441	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7443	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7444	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7445	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7447	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7448	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7449	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7450	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7451	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7452	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7453	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7454	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7455	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7456	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7457	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7458	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7459	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7460	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7461	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7463	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7467	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7468	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7469	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7470	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7471	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7472	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7473	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7474	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7475	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7476	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7477	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7482	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7484	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7485	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7487	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7488	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7491	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide	AA
R7492	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7493	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7494	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7496	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7499	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7401	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
⚠ F7402	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
FH7401	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7402	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7407	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7408	QFSHD1002CEZZ	J	Fuse Holder	AA
P7401	QPLGNA237WJZZY	J	Plug, 2Pin(LG)	AC
P7402	QPLGNA237WJZZY	J	Plug, 2Pin(LH)	AC
P7403	QPLGNA237WJZZY	J	Plug, 2Pin(LI)	AC
P7404	QPLGNA237WJZZY	J	Plug, 2Pin(LJ)	AC
P7405	QPLGNA237WJZZY	J	Plug, 2Pin(LK)	AC
P7406	QPLGNA237WJZZY	J	Plug, 2Pin(LL)	AC
P7409	QPLGN0269GEZZ	J	Plug, 2Pin(NV2)	AB
SC7401	QSOCZ1230GEZZ	J	Socket, 12Pin(BL2)	AD
LUG7401	QLUGHA006WJZZY	J	Lug	AC
LUG7402	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7501	VHiBD9884FV-1Y	J	BD9884FV-E2	AM
IC7502	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7503	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7503	VSRSS075P03-1Y	J	RSS075P03	AF
Q7504	VSRSS090N03-1Y	J	RSS090N03	AE
Q7509	VSRSS075P03-1Y	J	RSS075P03	AF
Q7510	VSRSS090N03-1Y	J	RSS090N03	AE
Q7513	VSRSS075P03-1Y	J	RSS075P03	AF
Q7514	VSRSS090N03-1Y	J	RSS090N03	AE
Q7517	VSRSS075P03-1Y	J	RSS075P03	AF
Q7518	VSRSS090N03-1Y	J	RSS090N03	AE
Q7523	VSRSS075P03-1Y	J	RSS075P03	AF
Q7524	VSRSS090N03-1Y	J	RSS090N03	AE
Q7527	VSRSS075P03-1Y	J	RSS075P03	AF
Q7528	VSRSS090N03-1Y	J	RSS090N03	AE
Q7529	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7530	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7535	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7501	VHDDAN217U+-1Y	J	DAN217U	AB
D7502	VHDDAN217U+-1Y	J	DAN217U	AB
D7503	VHDDAN217U+-1Y	J	DAN217U	AB
D7504	VHDDAN217U+-1Y	J	DAN217U	AB
D7505	VHDRB160M30-1Y	J	RB160M30	AC
D7506	VHDRB160M30-1Y	J	RB160M30	AC
D7507	VHDDAN217U+-1Y	J	DAN217U	AB
D7508	VHDDAN217U+-1Y	J	DAN217U	AB
D7509	VHDDAN217U+-1Y	J	DAN217U	AB
D7510	VHDDAN217U+-1Y	J	DAN217U	AB
D7511	VHDRB160M30-1Y	J	RB160M30	AC
D7512	VHDRB160M30-1Y	J	RB160M30	AC
D7513	VHDDAN217U+-1Y	J	DAN217U	AB
D7514	VHDDAN217U+-1Y	J	DAN217U	AB
D7515	VHDDAN217U+-1Y	J	DAN217U	AB
D7516	VHDDAN217U+-1Y	J	DAN217U	AB
D7517	VHDRB160M30-1Y	J	RB160M30	AC
D7518	VHDRB160M30-1Y	J	RB160M30	AC
D7520	VHDDAN217U+-1Y	J	DAN217U	AB
D7521	VHDDAN217U+-1Y	J	DAN217U	AB
D7522	VHDDAN217U+-1Y	J	DAN217U	AB
D7523	VHDDAN217U+-1Y	J	DAN217U	AB
D7524	VHDRB160M30-1Y	J	RB160M30	AC
D7525	VHDRB160M30-1Y	J	RB160M30	AC
D7526	VHDDAN217U+-1Y	J	DAN217U	AB
D7527	VHDDAN217U+-1Y	J	DAN217U	AB
D7528	VHDDAN217U+-1Y	J	DAN217U	AB
D7529	VHDDAN217U+-1Y	J	DAN217U	AB
D7530	VHDRB160M30-1Y	J	RB160M30	AC
D7531	VHDRB160M30-1Y	J	RB160M30	AC
D7532	VHDDAN217U+-1Y	J	DAN217U	AB
D7533	VHDDAN217U+-1Y	J	DAN217U	AB
D7534	VHDDAN217U+-1Y	J	DAN217U	AB
D7535	VHDDAN217U+-1Y	J	DAN217U	AB
D7536	VHDRB160M30-1Y	J	RB160M30	AC
D7537	VHDRB160M30-1Y	J	RB160M30	AC
D7539	VHD1SS355//-1Y	J	1SS355	AB
D7540	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB
D7541	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7501	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7502	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7503	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7504	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7505	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7506	RTRNZA057WJZZ	J	Transformer	AN

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5931	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5932	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5933	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5934	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5935	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5936	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5937	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5938	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5939	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5940	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5941	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5942	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7501	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7502	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7503	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7504	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7506	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7507	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7508	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7509	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7510	RC-EZA480WJZZ	J	680 25V Electrolytic	AD

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INVERTER 3 UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C7511	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7512	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7513	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7514	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7517	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7518	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7519	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7520	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7521	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7522	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7523	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7524	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7525	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7527	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7528	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7530	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7531	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7532	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7533	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7534	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7535	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7536	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7538	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7539	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7540	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7541	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7542	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7543	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7544	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7545	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7546	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7549	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7550	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7551	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7552	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7553	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7554	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7555	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7556	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7557	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7559	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7560	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7562	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7563	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7564	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7566	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7567	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7568	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7569	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7570	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7571	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7573	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7574	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7575	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7576	RC-KZ0082TAZZY	J	1 10 Ceramic	AC
C7577	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7578	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7579	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7580	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7581	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7585	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7586	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7587	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5951	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5952	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5953	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5954	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5955	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5956	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5957	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5958	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5959	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5960	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5961	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5962	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5963	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5964	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5965	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5966	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5967	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5968	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5969	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5970	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5971	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5972	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5973	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5974	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R7501	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7502	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7503	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7504	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7505	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7506	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7507	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7508	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7509	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7510	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7512	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7513	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7514	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7515	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7516	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7517	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7518	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7520	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7521	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7522	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7523	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7524	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7526	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7527	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7530	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7531	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7532	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7533	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7534	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7535	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7536	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7537	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7538	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7539	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7541	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7543	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7544	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7545	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7546	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7547	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7548	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7549	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7550	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7551	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7552	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7553	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7554	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7555	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7556	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7557	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7558	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7559	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7560	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7561	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7563	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7567	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7568	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7569	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7570	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7571	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7572	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7573	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7574	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7575	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7576	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7577	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7582	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7584	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7585	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7587	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7588	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7591	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide	AA
R7592	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7593	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7594	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7598	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7599	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7501	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
⚠ F7502	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
FH7501	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7502	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7507	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7508	QFSHD1002CEZZ	J	Fuse Holder	AA
P7501	QPLGNA237WJZZY	J	Plug, 2Pin(RA)	AC
P7502	QPLGNA237WJZZY	J	Plug, 2Pin(RB)	AC
P7503	QPLGNA237WJZZY	J	Plug, 2Pin(RC)	AC
P7504	QPLGNA237WJZZY	J	Plug, 2Pin(RD)	AC
P7505	QPLGNA237WJZZY	J	Plug, 2Pin(RE)	AC
P7506	QPLGNA237WJZZY	J	Plug, 2Pin(RF)	AC
P7507	QPLGN0467GEZZ	J	Plug, 4Pin(NP3)	AB
P7508	QPLGZ1213CEZZ	J	Plug, 12Pin(BL3)	AE
P7509	QPLGNA051WJZZ	J	Plug, 12Pin(MN3)	AB
LUG7501	QLUGHA006WJZZY	J	Lug	AC
LUG7502	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7601	VHiBD9884FV-1Y	J	BD9884FV-E2	AM
IC7602	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7603	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7603	VSRSS075P03-1Y	J	RSS075P03	AF
Q7604	VSRSS090N03-1Y	J	RSS090N03	AE
Q7609	VSRSS075P03-1Y	J	RSS075P03	AF
Q7610	VSRSS090N03-1Y	J	RSS090N03	AE
Q7613	VSRSS075P03-1Y	J	RSS075P03	AF
Q7614	VSRSS090N03-1Y	J	RSS090N03	AE
Q7617	VSRSS075P03-1Y	J	RSS075P03	AF
Q7618	VSRSS090N03-1Y	J	RSS090N03	AE
Q7623	VSRSS075P03-1Y	J	RSS075P03	AF
Q7624	VSRSS090N03-1Y	J	RSS090N03	AE
Q7627	VSRSS075P03-1Y	J	RSS075P03	AF
Q7628	VSRSS090N03-1Y	J	RSS090N03	AE
Q7629	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7630	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7635	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7601	VHDDAN217U+-1Y	J	DAN217U	AB
D7602	VHDDAN217U+-1Y	J	DAN217U	AB
D7603	VHDDAN217U+-1Y	J	DAN217U	AB
D7604	VHDDAN217U+-1Y	J	DAN217U	AB
D7605	VHDRB160M30-1Y	J	RB160M30	AC
D7606	VHDRB160M30-1Y	J	RB160M30	AC
D7607	VHDDAN217U+-1Y	J	DAN217U	AB
D7608	VHDDAN217U+-1Y	J	DAN217U	AB
D7609	VHDDAN217U+-1Y	J	DAN217U	AB
D7610	VHDDAN217U+-1Y	J	DAN217U	AB
D7611	VHDRB160M30-1Y	J	RB160M30	AC
D7612	VHDRB160M30-1Y	J	RB160M30	AC
D7613	VHDDAN217U+-1Y	J	DAN217U	AB
D7614	VHDDAN217U+-1Y	J	DAN217U	AB
D7615	VHDDAN217U+-1Y	J	DAN217U	AB
D7616	VHDDAN217U+-1Y	J	DAN217U	AB
D7617	VHDRB160M30-1Y	J	RB160M30	AC
D7618	VHDRB160M30-1Y	J	RB160M30	AC
D7620	VHDDAN217U+-1Y	J	DAN217U	AB
D7621	VHDDAN217U+-1Y	J	DAN217U	AB
D7622	VHDDAN217U+-1Y	J	DAN217U	AB
D7623	VHDDAN217U+-1Y	J	DAN217U	AB
D7624	VHDRB160M30-1Y	J	RB160M30	AC
D7625	VHDRB160M30-1Y	J	RB160M30	AC
D7626	VHDDAN217U+-1Y	J	DAN217U	AB
D7627	VHDDAN217U+-1Y	J	DAN217U	AB
D7628	VHDDAN217U+-1Y	J	DAN217U	AB
D7629	VHDDAN217U+-1Y	J	DAN217U	AB
D7630	VHDRB160M30-1Y	J	RB160M30	AC
D7631	VHDRB160M30-1Y	J	RB160M30	AC
D7632	VHDDAN217U+-1Y	J	DAN217U	AB
D7633	VHDDAN217U+-1Y	J	DAN217U	AB
D7634	VHDDAN217U+-1Y	J	DAN217U	AB
D7635	VHDDAN217U+-1Y	J	DAN217U	AB
D7636	VHDRB160M30-1Y	J	RB160M30	AC
D7637	VHDRB160M30-1Y	J	RB160M30	AC
D7639	VHD1SS355//-1Y	J	1SS355	AB
D7640	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB
D7641	RH-EX1394CEZZY	J	Zener Diode, 5.6V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7601	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7602	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7603	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7604	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7605	RTRNZA057WJZZ	J	Transformer	AN
⚠ T7606	RTRNZA057WJZZ	J	Transformer	AN

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5945	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5946	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5947	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5948	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5949	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5950	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5951	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5952	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5953	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5954	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5955	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5956	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7601	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7602	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7603	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7604	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7606	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7607	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7608	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7609	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7610	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7611	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7612	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7613	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7614	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7617	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7618	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7619	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7620	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7621	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7622	RC-KZA191WJZZY	J	27 4kV Ceramic	AD

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Ref. No.	Part No.	★	Description	Code
C7623	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7624	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7625	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7627	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7628	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7630	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7631	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7632	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7633	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7634	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7635	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7636	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7638	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7639	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7640	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7641	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7642	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7643	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7644	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7645	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7646	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7649	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7650	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7651	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7652	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7653	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7654	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7655	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7656	RC-KZA191WJZZY	J	27 4kV Ceramic	AD
C7657	VCKYCY1HB182KY	J	1800p 50V Ceramic	AA
C7659	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7660	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7662	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7663	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7664	RC-EZA480WJZZ	J	680 25V Electrolytic	AD
C7666	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7667	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7668	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7669	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C7670	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7671	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7673	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7674	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7675	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7676	RC-KZ0082TAZZY	J	1 10 Ceramic	AC
C7677	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7678	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C7679	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7680	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7681	VCKYCY1EF473ZY	J	0.047 25V Ceramic	AA
C7685	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7686	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7687	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5976	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5977	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5978	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5979	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5980	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5981	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5982	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5983	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5984	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5985	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5986	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5987	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5988	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5989	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5990	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5991	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5992	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5993	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5994	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5995	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5996	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5997	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R5998	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R5999	VRS-CY1JF133JY	J	13k 1/16W Metal Oxide	AA
R7601	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7602	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7603	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7604	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7605	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7606	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7608	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7609	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7610	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7612	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7613	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7615	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7616	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7617	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7618	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7620	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7621	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7623	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7624	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7625	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7627	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7630	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7631	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R7632	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7633	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7634	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7635	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7636	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7637	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7638	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7639	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7641	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7643	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7644	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7645	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7647	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7648	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7649	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7650	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R7651	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7652	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7653	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7654	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7655	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7656	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7657	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7658	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7659	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7660	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7661	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7663	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R7667	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7668	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7669	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7670	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7671	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7672	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7673	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7674	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7675	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7676	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7677	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7682	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7684	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7685	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R7687	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

DUNTKC474UJ03 INVERTER 4 UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R7688	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7691	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide	AA
R7692	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7693	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7694	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7696	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7699	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7601	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
⚠ F7602	QFS-D0011CEZZ	J	Fuse, 4A/250V	AE
FH7601	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7602	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7607	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7608	QFSHD1002CEZZ	J	Fuse Holder	AA
P7601	QPLGNA237WJZZY	J	Plug, 2Pin(RG)	AC
P7602	QPLGNA237WJZZY	J	Plug, 2Pin(RH)	AC
P7603	QPLGNA237WJZZY	J	Plug, 2Pin(RI)	AC
P7604	QPLGNA237WJZZY	J	Plug, 2Pin(RJ)	AC
P7605	QPLGNA237WJZZY	J	Plug, 2Pin(RK)	AC
P7606	QPLGNA237WJZZY	J	Plug, 2Pin(RL)	AC
P7609	QPLGN0269GEZZ	J	Plug, 2Pin(NV4)	AB
SC7601	QSOCZ1230GEZZ	J	Socket, 12Pin(BL4)	AD
LUG7601	QLUGHA006WJZZY	J	Lug	AC
LUG7602	QLUGHA006WJZZY	J	Lug	AC

DUNTKC475UJ03 MOTOR CONTROL Unit

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
TH601	VHHM1103J03-1Y	J	Thermistor	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB604	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB605	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB606	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB607	RBLN-0210TAZZY	J	Ferrite Bead	AB
P601	QPLGNA047WJZZ	J	Plug, 8Pin(SO)	AC
P602	QPLGNA048WJZZ	J	Plug, 9Pin(MC)	AC
P603	QTANAA005WJZZ	J	Terminal, 4Pin	AG
LUG601	QLUGHA002WJZZ	J	Lug	AB
LUG602	QLUGHA002WJZZ	J	Lug	AB
LUG603	QLUGHA002WJZZ	J	Lug	AB
LUG604	QLUGHA002WJZZ	J	Lug	AB

DUNTKC476UJ03 R/C LED UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC101	VHiTPS850++-1Y	J	TPS850	AG

OPT DEVICE

Ref. No.	Part No.	★	Description	Code
D102	VHPCL221YG+-1Y	J	PhotoDiode	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q101	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q102	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q103	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q104	VS2SC2712Y/-1Y	J	2SC2712Y	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D101	RH-PX0445CEZZY	J	PhotoDiode	AM
D103	RH-PX0421CEZZY	J	PhotoDiode	AD
D104	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C101	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C102	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C103	VCEASX1CN107MY	J	100 16V Electrolytic	AC
C104	RC-KZ0083TAZZY	J	2.2 10V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R101	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R102	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R103	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R104	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R107	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R108	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R109	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R112	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R116	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P102	QPLGNA330WJZZY	J	Plug, 10Pin(RM)	AD
RMC101	RRMCU0239CEZZ	J	Remote Receiver	AG
SLD101	PSLDM4646CEFW	J	Shield	AD

DUNTKC477UJ03 KEY UNIT

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q151	VSDTC314TK/-1Y	J	DTC314TK	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D151	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D152	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R151	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R152	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R153	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA

SWIRCHES

Ref. No.	Part No.	★	Description	Code
S151	QSW-K0108CEZZY	J	Switch CH-UP, 5Pin	AD
S152	QSW-K0108CEZZY	J	Switch CH-DOWN, 5Pin	AD
S153	QSW-K0108CEZZY	J	Switch INPUT, 5Pin	AD
S154	QSW-K0108CEZZY	J	Switch VOL-UP, 5Pin	AD
S155	QSW-K0108CEZZY	J	Switch VOL-DOWN, 5Pin	AD
S157	QSW-P0035GEZZ	J	Switch MAIN SW, 6Pin	AF

MISCELLANEOUS PART

Ref. No.	Part No.	★	Description	Code
P151	QPLGNA060WJZZ	J	Plug, (KM)	AC

DUNTKC478UJ03 TOP LCD CONTROLLER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2201	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2202	VHiMB88146A-1Y	J	MB88146APFV-G	AH
IC2203	RH-iXA870WJZZQ	J	HD64F3687H	AY
IC2204	VHiBD4729G+-1Y	J	BD4729G-TR	AD
IC2205	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC2207	VHiBR24L08F-1Y	J	BR24L08F-WE2	AE
IC2208	VHiLV4053AT-1Y	J	SN74LV4053APWR	AE
IC2209	VHi7SB3157P-1Y	J	NC7SB3157P6X	AE
IC2210	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC4001	RH-iXB001WJZZQ	J	LR38879	BD
IC4003	RH-iXA998WJN1Y	J	25LC640-I/SN	AM
IC4004	RH-iXB001WJZZQ	J	LR38879	BD
IC4101	RH-iXB002WJZZQ	J	KZ4E064311TFP	BB
IC4102	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC4103	RH-iXA999WJN1Y	J	25LC320-I/SN	AL
IC4201	RH-iXB002WJZZQ	J	KZ4E064311TFP	BB

DUNTKC478UJ03
TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
IC4202	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC4203	RH-iXA999WJN1Y	J	25LC320-I/SN	AL
IC4301	RH-iXB003WJZZQ	J	LR38878	BB
IC4302	RH-iXB003WJZZQ	J	LR38878	BB
IC4401	RH-iXB036WJN1Q	J	XC9572XL-10VQG	AU
IC4402	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4403	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4501	VHiNJM4580V-1Y	J	NJM4580V	AE
IC4502	VHiLP2951CM-1Y	J	LP2951CMX	AL
IC4503	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC4504	RH-iXA706WJZZQ	J	IR3E12M1	AN
IC4505	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC4801	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4802	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4803	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC4804	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4805	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC4806	VHiPQ1L333M-1Y	J	PQ1L333M2SP	AD
IC4807	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC4808	VHiMD1422N+-1Y	J	MD1422N	AQ
IC4809	VHiLM3478MX-1Y	J	LM3478MMX	AL
IC4811	VHiLT1615ES-1Y	J	LT1615ES5	AP
IC4812	VHiLT1617ES-1Y	J	LT1617ES5	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2202	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2203	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2204	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2205	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2206	VS2SK536///-1Y	J	2SK536	AE
Q2207	VS2SK536///-1Y	J	2SK536	AE
Q4501	VS2SD1664Q+-1Y	J	2SD1664Q	AC
Q4502	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q4804	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4805	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q4806	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q4807	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4808	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4809	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4810	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4811	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4812	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4813	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4814	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q4816	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4817	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4818	VSTP0610T++-1Y	J	TP0610T	AD
Q4819	VS2SK1826++-1Y	J	2SK1826	AC
Q4820	VS2SK1826++-1Y	J	2SK1826	AC
Q4821	VSSi4884DY+-1Y	J	Si4884DY	AG
Q4822	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4823	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4824	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4825	VSSi4435DY+-1Y	J	Si4435DY	AF

DIODES

Ref. No.	Part No.	★	Description	Code
D2201	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2202	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2203	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2204	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D4501	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D4502	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D4505	VHDRB481K++-1Y	J	RB481K	AD
D4801	VHDDAN222//-1Y	J	DAN222	AA
D4802	VHDHSU119//-1Y	J	HSU119	AB
D4803	VHDHSU119//-1Y	J	HSU119	AB
D4804	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D4805	VHDSC8024//-1Y	J	SC8024	AC
D4806	VHDSC8024//-1Y	J	SC8024	AC
D4807	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D4808	VHDDAN222//-1Y	J	DAN222	AA
D4809	VHDHSU119//-1Y	J	HSU119	AB
D4812	VHDHSU119//-1Y	J	HSU119	AB
D4813	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D4815	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4816	VHDHSU119//-1Y	J	HSU119	AB
D4818	VHDHSU119//-1Y	J	HSU119	AB
D4819	VHDHSU119//-1Y	J	HSU119	AB
D4820	VHDHSU119//-1Y	J	HSU119	AB
D4823	VHDF02J9///-1Y	J	F02J9	AD
D4825	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D4827	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D4828	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4829	VHDHSU119//-1Y	J	HSU119	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X2201	RCRSC0032TAZZY	J	Crystal	AG
X4001	RCRUAA046WJZZY	J	Packaged Circuits	AL

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL2201	RFiLZ0169TAZZY	J	Filter	AD
FL4701	RFiLNA002WJZZY	J	Filter	AD
FL4702	RFiLNA002WJZZY	J	Filter	AD
FL4703	RFiLNA002WJZZY	J	Filter	AD
FL4704	RFiLNA002WJZZY	J	Filter	AD
FL4801	RFiLNA002WJZZY	J	Filter	AD
L4101	RCiLFA071WJZZY	J	Coil	AD
L4102	RCiLFA071WJZZY	J	Coil	AD
L4103	RCiLFA071WJZZY	J	Coil	AD
L4104	RCiLFA071WJZZY	J	Coil	AD
L4105	RCiLFA071WJZZY	J	Coil	AD
L4201	RCiLFA071WJZZY	J	Coil	AD
L4202	RCiLFA071WJZZY	J	Coil	AD
L4203	RCiLFA071WJZZY	J	Coil	AD
L4204	RCiLFA071WJZZY	J	Coil	AD
L4205	RCiLFA071WJZZY	J	Coil	AD
L4801	RCiLP0343TAZZY	J	Coil	AD
L4802	RCiLP0343TAZZY	J	Coil	AD
L4803	RCiLP0303TAZZY	J	Coil	AG
L4804	RCiLP0303TAZZY	J	Coil	AG
L4805	RCiLP0343TAZZY	J	Coil	AD
L4807	RCiLP0355TAZZY	J	Coil	AD
L4809	RCiLP0299TAZZY	J	Coil	AD
L4810	RCiLP0299TAZZY	J	Coil	AD
L4811	RCiLPA001WJZZY	J	Coil	AF
L4812	RCiLP0343TAZZY	J	Coil	AD
L4813	RCiLP0270TAZZY	J	Coil	AD
L4815	RCiLP0297TAZZY	J	Coil	AD
L4816	RCiLP0297TAZZY	J	Coil	AD
L4817	RCiLP0270TAZZY	J	Coil	AD
L4818	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L4819	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L4820	RCiLP0355TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C2201	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2203	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2204	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2205	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2206	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2207	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2208	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2209	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2210	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2211	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2212	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2214	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2215	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2216	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2217	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2219	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2221	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2230	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2231	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C4001	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4006	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4007	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4008	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4009	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4010	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4011	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4012	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4013	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4014	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4015	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4016	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4017	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4018	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4019	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4020	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4021	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4023	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4026	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4027	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4028	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4029	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4030	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4031	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4032	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4033	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4034	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4035	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4036	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4037	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4038	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4039	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4040	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4041	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4042	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4044	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4045	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4046	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4047	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4048	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4049	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4051	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4052	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4054	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4055	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4101	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4102	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4103	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4108	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4109	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4110	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4111	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4112	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4113	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4115	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4117	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4119	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4124	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4125	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4127	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4128	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4129	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4131	VCEASY0JN107MY	J	100	6.3V	Electrolytic	AC
C4132	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4133	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4135	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4136	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4137	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4138	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4139	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4140	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4141	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4142	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4143	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4144	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4145	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4146	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4147	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4148	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4149	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4150	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4151	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4152	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4153	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4155	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4156	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4158	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4201	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4203	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4204	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4206	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4207	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4208	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4209	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4210	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4211	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4212	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4215	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4216	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4218	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4219	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4221	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4222	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4223	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4224	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4225	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4227	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4228	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4229	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4230	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4231	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4232	VCEASY0JN107MY	J	100	6.3V	Electrolytic	AC
C4233	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4234	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4235	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4236	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4237	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4238	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4239	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4240	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4241	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4242	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4243	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4244	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4245	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4246	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4247	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4248	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4249	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C4250	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4251	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4252	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4253	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4254	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4256	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4257	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4302	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4304	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4305	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4306	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4307	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4308	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4309	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4310	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4311	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4312	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4313	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4314	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4315	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4316	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4317	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4318	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4319	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4321	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4322	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4324	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4325	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4326	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4328	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4329	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4330	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4331	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4332	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4335	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4336	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4337	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4338	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4339	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4340	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4341	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4342	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4343	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4345	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4346	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4347	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4348	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4349	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4350	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4351	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4353	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4354	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4355	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4356	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4357	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4358	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4359	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4360	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4361	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4362	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4364	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4365	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4366	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4367	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4370	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4371	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4373	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4374	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4375	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4378	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4401	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4402	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C4403	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4405	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4409	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4410	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4411	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4501	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4502	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4503	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4504	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4505	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C4506	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4508	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4517	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4519	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4520	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4521	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4522	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4523	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4524	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4525	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4526	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4527	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4528	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4529	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4530	VCAAPC1DJ226MY	J	22	20V	Electrolytic	AE
C4531	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4532	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4533	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4534	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4535	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4536	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4537	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4538	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4539	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4540	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4541	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4542	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4702	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C4703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4704	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C4705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4706	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4708	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4801	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4802	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4806	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4807	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4809	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4811	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4812	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4815	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4816	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4817	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4818	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4819	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C4821	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4822	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4823	VCAAPC1EJ106MY	J	10 25V Electrolytic	AF
C4824	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C4825	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4828	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4829	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4830	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C4832	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C4833	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C4834	VCEASX1HN105MY	J	1 50V Electrolytic	AB
C4836	VCAAPC1CJ107MY	J	100 16V Electrolytic	AG
C4839	RC-KZ0070TAZZY	J	4.7 16V Ceramic	AD
C4843	VCKYCY1HB223KY	J	0.022 50V Ceramic	AA
C4844	RC-KZ0070TAZZY	J	4.7 16V Ceramic	AD
C4848	VCEASY1EN476MY	J	47 25V Electrolytic	AC
C4849	RC-KZ0070TAZZY	J	4.7 16V Ceramic	AD
C4851	RC-KZ0070TAZZY	J	4.7 16V Ceramic	AD
C4852	VCKYCY1CF224ZY	J	0.22 16V Ceramic	AB
C4853	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C4854	RC-KZA047WJZZY	J	1 50V Ceramic	AC
C4857	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4858	VCCCCY1HH5R0CY	J	5p 50V Ceramic	AA
C4859	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4861	RC-KZ0053TAZZY	J	10 10 Ceramic	AD
C4862	VCEASY1HN106MY	J	10 50V Electrolytic	AC
C4863	VCAAPC1DJ476MY	J	47 20V Electrolytic	AG
C4865	RC-KZA047WJZZY	J	1 50V Ceramic	AC
C4866	RC-KZ0053TAZZY	J	10 10 Ceramic	AD
C4867	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4868	VCAAPC1DJ476MY	J	47 20V Electrolytic	AG
C4869	RC-KZ0072TAZZY	J	1 25V Ceramic	AC
C4870	VCAAPC1DJ476MY	J	47 20V Electrolytic	AG
C4871	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4874	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C4875	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C4877	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2201	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2204	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2205	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2206	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2207	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2209	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2210	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2211	VRS-CJ1JF333JY	J	33k 1/16W Metal Oxide	AA
R2212	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2213	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2214	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2216	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2217	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R2218	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2219	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R2220	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2221	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2222	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2223	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2224	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R2225	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2226	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R2227	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2228	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2229	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2230	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2231	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2232	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2233	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2234	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2235	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2236	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2237	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2238	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2239	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2240	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2241	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2242	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2243	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2244	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2245	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2246	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2247	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2248	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2249	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2250	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2251	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2252	VRS-CJ1JF223JY	J	22k 1/16W Metal Oxide	AA
R2254	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2255	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2257	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2258	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2259	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2260	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2261	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2262	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2267	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2268	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2269	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2270	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R2271	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R2272	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2273	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R4001	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4002	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4003	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4004	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4005	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4006	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4007	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4008	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4009	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4010	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4011	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4012	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4013	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4014	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4015	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4016	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4017	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4018	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4020	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4021	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4022	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4023	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4024	VRS-CJ1JF221JY	J	220 1/16W Metal Oxide	AA
R4025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4026	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4027	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4028	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4029	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4030	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4031	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4032	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4033	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4034	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4035	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4036	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4037	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4038	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4039	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4040	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4041	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4042	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4043	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4044	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4045	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4046	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4047	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R4048	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4049	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4050	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4051	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4053	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4054	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4055	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4056	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4057	VRS-CJ1JF221JY	J	220 1/16W Metal Oxide	AA
R4058	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4101	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4102	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4103	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4104	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4105	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4106	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4108	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4109	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4110	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4111	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4112	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4113	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4114	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4115	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4116	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4117	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R4118	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R4119	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4120	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4121	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4122	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4123	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4126	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4127	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4201	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4202	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4203	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4204	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4205	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4206	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4208	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4209	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4210	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4211	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4212	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4213	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4214	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4215	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4216	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4218	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4219	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R4220	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R4221	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4222	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4223	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4224	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4225	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4226	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4301	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4302	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4305	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4307	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4308	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4309	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4310	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4311	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4312	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4313	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4316	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R4317	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4319	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4320	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4321	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4322	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4323	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4325	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4326	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4327	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4328	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R4329	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4330	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4331	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4332	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4401	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4402	VRS-CH1JF102JY	J	1k 1/16W Metal Oxide	AA
R4403	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4404	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R4405	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4406	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4407	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4408	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4409	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4410	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4411	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4412	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4413	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4414	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4416	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4417	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4418	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4419	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4420	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4422	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4502	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4503	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4504	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4505	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4506	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4507	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4508	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4509	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R4511	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R4513	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4514	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4515	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4516	VRS-CY1JF243FY	J	24k 1/16W Metal Oxide	AA
R4517	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4518	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4519	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R4521	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4522	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4527	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R4531	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4532	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4533	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4534	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4540	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4541	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4545	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4547	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4548	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4551	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4554	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4558	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4559	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4566	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4567	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4568	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4575	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4576	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4581	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4582	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4586	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4597	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4598	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4599	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R4600	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4604	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4605	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4609	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4610	VRS-CY1JF750FY	J	75 1/16W Metal Oxide	AA
R4611	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4613	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4615	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4617	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R4703	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4706	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4708	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4710	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4712	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4714	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4716	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4717	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4718	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4726	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4727	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4728	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4729	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4730	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4801	VRS-CA1JF223JY	J	22k 1/16W Metal Oxide	AA
R4803	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4804	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4805	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R4806	VRS-TW2ED330JY	J	33 1/4W Metal Oxide	AA
R4807	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R4808	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R4809	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4810	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4811	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4812	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4813	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4814	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4815	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4816	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R4817	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4819	VRS-TQ2BD101JY	J	100 1/8W Metal Oxide	AA
R4820	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4821	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4822	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4823	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4824	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R4825	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R4831	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4832	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4834	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R4835	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4836	VRS-TW2HPR16JY	J	0.16 1/2W Metal Oxide	AA
R4838	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4839	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4840	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R4841	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R4847	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4848	VRS-CY1JF622FY	J	6.2k 1/16W Metal Oxide	AA
R4849	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R4850	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R4852	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4853	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4854	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4856	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4857	VRS-CY1JF823FY	J	82k 1/16W Metal Oxide	AA
R4860	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4861	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4862	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4863	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4864	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4865	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4866	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R4867	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4868	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4869	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4872	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R4873	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4875	VRS-TW2HF472JY	J	4.7k 1/2W Metal Oxide	AA
R4881	VRS-TW2HF272JY	J	2.7k 1/2W Metal Oxide	AA
R4882	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4884	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R4885	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4886	VRS-TV1JD102JY	J	1k 1/16W Metal Oxide	AA
R4887	VRS-CY1JF154FY	J	150k 1/16W Metal Oxide	AA
R4892	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4893	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4894	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4896	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R4897	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4899	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4900	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4901	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4903	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4905	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4906	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4907	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4908	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4909	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4915	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R4918	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4919	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4924	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4925	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4926	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2201	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2202	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2203	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2204	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2205	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2206	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2207	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2208	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2209	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2210	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2211	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2212	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2213	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2214	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2217	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2218	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2219	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2220	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2221	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2222	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2223	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2224	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2225	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2226	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2227	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2228	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2229	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2230	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2231	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2232	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2233	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2234	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2235	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2236	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2237	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2238	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4001	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4002	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4003	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4004	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4005	RBLN-0210TAZZY	J	Ferrite Bead	AB

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TOP LCD CONTROLLER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB4006	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4007	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4101	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4102	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4103	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4104	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4201	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4202	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4203	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4204	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4301	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4302	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4303	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4304	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4305	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4306	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4307	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4308	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4309	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4310	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4401	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB4801	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4802	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4803	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4804	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4805	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4806	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4808	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4809	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4810	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4811	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4812	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4813	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4814	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4815	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4817	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4818	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4819	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4820	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4821	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4822	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4823	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4824	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4825	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4826	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4827	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4828	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4829	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4830	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4831	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4832	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4833	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4834	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4835	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB4837	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4838	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4840	RBLN-A005WJZZY	J	Ferrite Bead	AA
P2202	QPLGN0544FJZZY	J	Plug, 7Pin(AD)	AD
P2203	QPLGNA175WJZZY	J	Plug, 6Pin(KM)	AD
P2204	QPLGNA165WJZZY	J	Plug, 9Pin(MC)	AF
P2205	QCNCMA112WJZZ	J	Connector, 10Pin(LB)	AD
P2206	QCNCMA116WJZZ	J	Connector, 20Pin(LT)	AE
P4401	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P4802	QPLGNA176WJZZY	J	Plug, 7Pin(TV)	AE
P4801	QCNCMA169WJZZ	J	Connector, 20Pin(SP)	AE
P4803	QPLGNA168WJZZY	J	Plug, 12Pin(MN1)	AF
P4804	QPLGNA168WJZZY	J	Plug, 12Pin(MN3)	AF
P4805	QPLGN0540FJZZY	J	Plug, 3Pin(FA)	AD
P4806	QPLGN0175FJZZY	J	Plug, 3Pin(FB)	AC
SC2201	QSOCN0490FJZZY	J	Socket, 30Pin(C)	AF
SC4001	QSOCNA289WJZZY	J	Socket, 32Pin(E)	AP
SC4002	QSOCNA289WJZZY	J	Socket, 32Pin(D)	AP
SC4201	QSOCNA239WJZZY	J	Socket, 32Pin(H)	AP
SC4701	QSOCNA222WJZZY	J	Socket, 80Pin(B)	AH
SC4702	QSOCNA222WJZZY	J	Socket, 80Pin(A)	AH
LUG4801	QLUGHA006WJZZY	J	Lug	AC
LUG4802	QLUGHA006WJZZY	J	Lug	AC
LUG4803	QLUGHA006WJZZY	J	Lug	AC
LUG4804	QLUGHA006WJZZY	J	Lug	AC
LUG4805	QLUGHA006WJZZY	J	Lug	AC
LUG4806	QLUGHA006WJZZY	J	Lug	AC
TP4502	QLUGP0110TAFWY	J	Lug	AB

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BOTTOM LCD CONTROLLER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC6401	RH-iXB003WJZZQ	J	LR38878	BB
IC6402	RH-iXB003WJZZQ	J	LR38878	BB
IC6601	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC6602	RH-iXA706WJZZQ	J	IR3E12M1	AN
IC6603	RH-iXA867WJZZY	J	EL52251RZ-T7	AS
IC6901	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC6904	VHiM62320FP-1Y	J	M62320FP	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6602	VS2SK1826++-1Y	J	2SK1826	AC
Q6603	VS2SK1826++-1Y	J	2SK1826	AC
Q6604	VSTP0610T++-1Y	J	TP0610T	AD
Q6605	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6901	VS2SK536///-1Y	J	2SK536	AE
Q6902	VS2SK536///-1Y	J	2SK536	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D6601	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6602	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6603	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D6604	VHDHSU119//-1Y	J	HSU119	AB
D6608	VHDRB481K++-1Y	J	RB481K	AD
D6901	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D6902	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6903	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6904	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6905	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL6801	RFiLNA002WJZZY	J	Filter	AD
FL6802	RFiLNA002WJZZY	J	Filter	AD
FL6803	RFiLNA002WJZZY	J	Filter	AD
FL6804	RFiLNA002WJZZY	J	Filter	AD
L6901	RCiLP0303TAZZY	J	Coil	AG
L6902	RCiLP0343TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C6401	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6402	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6403	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C6404	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C6405	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6406	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6407	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6408	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C6409	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6410	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6412	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6413	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C6414	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C6415	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6416	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6417	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6418	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6419	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6420	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6421	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description	Code
C6422	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6423	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6424	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6425	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6427	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6428	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6429	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6430	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C6431	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6432	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C6434	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6435	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6436	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6437	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6438	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6439	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6440	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6441	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6442	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6443	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6444	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6445	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C6446	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6447	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C6448	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6449	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C6450	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6451	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6452	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6453	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6454	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6455	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6456	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6457	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6458	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6459	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6460	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6463	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6464	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6465	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6466	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6468	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6469	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6470	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6471	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6473	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6474	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6475	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6476	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6479	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6480	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6601	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6602	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6603	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6604	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6605	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6607	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6609	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6610	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C6611	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C6612	VCCCCY1HH680JY	J	68p 50V Ceramic	AA
C6613	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6614	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6615	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C6616	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6617	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C6618	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6619	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6620	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C6621	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6622	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C6623	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6624	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6625	RC-KZA097WJZZY	J	1 16V Ceramic	AD
C6626	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6627	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6628	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6629	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6630	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6633	RC-KZA047WJZZY	J	1 50V Ceramic	AC
C6634	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6635	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6801	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6802	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6803	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6804	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6805	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6806	VCEASX1VN226MY	J	22 35V Electrolytic	AC
C6807	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6808	VCEASX1VN226MY	J	22 35V Electrolytic	AC
C6901	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C6903	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C6909	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6401	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R6403	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6404	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6405	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6406	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6407	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6408	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6410	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6411	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6413	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6414	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R6415	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R6416	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6417	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R6419	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6420	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6421	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6422	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6423	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6424	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R6426	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6427	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R6428	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R6601	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6603	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6606	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R6608	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6613	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R6617	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R6618	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6619	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6620	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6626	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R6627	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R6631	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R6633	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6634	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R6637	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6640	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R6644	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R6645	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6652	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6653	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R6654	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6661	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R6662	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6667	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R6668	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6672	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6683	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R6684	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R6685	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R6686	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R6690	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6691	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6695	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R6696	VRS-CY1JF750FY	J	75 1/16W Metal Oxide	AA
R6697	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6699	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R6700	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6701	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6703	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6704	VRS-TW2HF272JY	J	2.7k 1/2W Metal Oxide	AA
R6705	VRS-TQ2BD101JY	J	100 1/8W Metal Oxide	AA
R6707	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R6710	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R6711	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R6727	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R6803	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6805	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6807	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6809	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6811	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6813	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6815	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6826	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6827	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6828	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6829	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6830	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6901	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6902	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6903	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6904	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6906	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6907	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6908	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6909	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6910	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6912	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6913	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6914	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6915	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6916	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6917	VRS-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA
R6918	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6920	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R6921	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB6401	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6402	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6403	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6404	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6405	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6406	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6407	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6408	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6409	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6410	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6901	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6902	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6903	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6904	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6905	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6906	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6907	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6908	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6909	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6910	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6911	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6912	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6913	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB6914	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6917	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6918	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6919	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6920	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6921	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6922	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6923	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6924	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6925	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6926	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6927	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6928	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6929	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6930	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6931	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6932	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6933	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB6934	RBLN-A005WJZZY	J	Ferrite Bead	AA
P6901	QCNCMA167WJZZ	J	Connector, 10Pin(LB)	AD
P6902	QCNCMA169WJZZ	J	Connector, 20Pin(LT)	AE
P6903	QPLGNA330WJZZY	J	Plug, 10Pin(RM)	AD
SC6401	QSOCNA239WJZZY	J	Socket, 32Pin(H)	AP
SC6801	QSOCNA222WJZZY	J	Socket, 80Pin(G)	AH
SC6802	QSOCNA222WJZZY	J	Socket, 80Pin(F)	AH
LUG6901	QLUGHA006WJZZY	J	Lug	AC
LUG6902	QLUGHA006WJZZY	J	Lug	AC
LUG6903	QLUGHA006WJZZY	J	Lug	AC
LUG6904	QLUGHA006WJZZY	J	Lug	AC
LUG6905	QLUGHA006WJZZY	J	Lug	AC
LUG6906	QLUGHA006WJZZY	J	Lug	AC

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DIODE

Ref. No.	Part No.	★	Description	Code
⚠ VA7802	RH-VXA018WJN1	J	Varistor	AD

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7801	RCiLFA130WJZZ	J	Coil	AG
⚠ T7802	RCiLFA130WJZZ	J	Coil	AG

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C7801	RC-FZ029SCEZZ	J	0.22 AC275V	AD
⚠ C7802	RC-KZ0089GEZZ	J	1000p 250V	AC
⚠ C7803	RC-KZ0089GEZZ	J	1000p 250V	AC
⚠ C7804	RC-KZ0089GEZZ	J	1000p 250V	AC
⚠ C7805	RC-KZ0089GEZZ	J	1000p 250V	AC
⚠ C7806	RC-FZ029SCEZZ	J	0.22 AC275V	AD

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠ R7801	RR-HZA011WJN1	J	560K 1W Resistor	AC
⚠ R7802	RR-HZ0008GEN1	J	3.9M 1W Resistor	AC
⚠ R7803	RR-HZ0008GEN1	J	3.9M 1W Resistor	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7801	QFS-D0013CEZZ	J	Fuse, 6.3A/250V	AE
FH7801	QFSHD1002CEZZ	J	Fuse Holder	AA
FH7803	QFSHD1002CEZZ	J	Fuse Holder	AA
⚠ P7801	QSOCAA001WJZZ	J	Socket, 3Pin	AL
P7802	QPLGN0270GEZZ	J	Plug, 2Pin(AC)	AA
LUG7801	QLUGHA002WJZZ	J	Lug	AB
LUG7802	QLUGHA002WJZZ	J	Lug	AB
LUG7803	QLUGHA002WJZZ	J	Lug	AB
LUG7804	QLUGHA002WJZZ	J	Lug	AB
	LANGQA013WJFW	J	Fixing Metal	AH
	XBPS730P08JS0	J	Screw	AB
	XBSS830P08000	J	Screw	AA

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DC/DC UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1703	VHiMD1422N+-1Y	J	MD1422N	AQ
IC1704	VHiFA3675F/-1	J	FA3675F	AR
IC5801	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC5802	RH-iXB246WJN1Q	J	XC9572XL-10VQG	AU
IC5803	VHiM62392FP-1Y	J	M62392FP	AM
IC5805	VHiTL3474CP-1Y	J	TL3474CPWR	AL
IC5806	VHiTL3474CP-1Y	J	TL3474CPWR	AL
IC5807	VHiTL3474CP-1Y	J	TL3474CPWR	AL

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1701	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1702	VSSi4435DY+-1Y	J	Si4435DY	AF
Q1704	VSSi4435DY+-1Y	J	Si4435DY	AF
Q1705	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1706	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q5801	VS2SK536///-1Y	J	2SK536	AE
Q5802	VS2SK536///-1Y	J	2SK536	AE
Q5803	VSRSS040P03-1Y	J	RSS040P03	AE
Q5804	VSRSS040P03-1Y	J	RSS040P03	AE
Q5805	VSRSS090N03-1Y	J	RSS090N03	AE
Q5806	VSRSS090N03-1Y	J	RSS090N03	AE
Q5807	VSRSS040P03-1Y	J	RSS040P03	AE
Q5808	VSRSS090N03-1Y	J	RSS090N03	AE
Q5809	VSRSS040P03-1Y	J	RSS040P03	AE
Q5810	VSRSS040P03-1Y	J	RSS040P03	AE
Q5811	VSRSS090N03-1Y	J	RSS090N03	AE
Q5812	VSRSS090N03-1Y	J	RSS090N03	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D1701	VHDHSU119//-1Y	J	HSU119	AB
D1703	VHDHSU119//-1Y	J	HSU119	AB
D1704	VHDHSU119//-1Y	J	HSU119	AB
D1705	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D1706	VHDHSU119//-1Y	J	HSU119	AB
D1707	RH-EX1259CEZZY	J	Zener Diode, 8.2V	AB
D1709	VHDHSU119//-1Y	J	HSU119	AB
D1710	VHDHSU119//-1Y	J	HSU119	AB
D1711	RH-EX1241CEZZY	J	Zener Diode, 4.7V	AB
D1713	RH-EX1241CEZZY	J	Zener Diode, 4.7V	AB
D1714	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D1715	VHDFUJ3C+++-1Y	J	FUJ3C	AD
D5801	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5802	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5803	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5804	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5805	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5806	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5807	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5808	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5809	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5810	RH-EX1265CEZZY	J	Zener Diode, 10V	AB
D5811	VHDHSU119//-1Y	J	HSU119	AB
D5812	VHDHSU119//-1Y	J	HSU119	AB
D5813	VHDHSU119//-1Y	J	HSU119	AB
D5814	VHDHSU119//-1Y	J	HSU119	AB
D5815	VHDHSU119//-1Y	J	HSU119	AB
D5816	VHDHSU119//-1Y	J	HSU119	AB
D5817	VHDHSU119//-1Y	J	HSU119	AB
D5818	VHDHSU119//-1Y	J	HSU119	AB
D5819	VHDHSU119//-1Y	J	HSU119	AB
D5820	VHDHSU119//-1Y	J	HSU119	AB
D5821	VHDSFPB54//2EY	J	SFPB54	AC
D5822	VHDSFPB54//2EY	J	SFPB54	AC
D5823	VHDSFPB54//2EY	J	SFPB54	AC
D5824	VHDSFPB54//2EY	J	SFPB54	AC
D5825	VHDSFPB54//2EY	J	SFPB54	AC
D5826	VHDSFPB54//2EY	J	SFPB54	AC
D5827	VHDSFPB54//2EY	J	SFPB54	AC
D5828	VHDSFPB54//2EY	J	SFPB54	AC

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X5801	RCRSZ0093CEZZY	J	Crystal	AM

COILS

Ref. No.	Part No.	★	Description	Code
L1703	RCiLP0299TAZZY	J	Coil	AD
L1705	RCiLP0297TAZZY	J	Coil	AD
L1706	RCiLP0297TAZZY	J	Coil	AD
L1708	RCiLP0299TAZZY	J	Coil	AD
L1709	RCiLP0355TAZZY	J	Coil	AD
L1710	RCiLP0355TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C1701	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1702	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1705	VCEASX1HN105MY	J	1	50V	Electrolytic	AB
C1708	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1709	VCAAPC1EJ106MY	J	10	25V	Electrolytic	AF
C1710	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1713	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1714	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1715	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1716	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1717	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1718	VCEASY1EN476MY	J	47	25V	Electrolytic	AC
C1720	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1721	VCKYCY1EB103KY	J	0.01	25V	Ceramic	AA
C1722	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1723	VCKYCY1EB103KY	J	0.01	25V	Ceramic	AA
C1724	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1725	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1726	VCKYCY0JB105KY	J	1	6.3V	Ceramic	AC
C1728	VCAAPC1AJ157MY	J	150	10V	Electrolytic	AG
C1730	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1731	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1733	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C1737	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1738	VCKYCY0JB105KY	J	1	6.3V	Ceramic	AC
C1739	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C1742	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C1744	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C1745	VCAAPC0JJ107MY	J	100	6.3V	Electrolytic	AE
C1746	VCAAPC0JJ107MY	J	100	6.3V	Electrolytic	AE
C1748	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1749	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C5801	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5803	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5807	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C5808	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5810	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5818	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5821	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5824	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5826	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5828	VCEASY1CN157MY	J	150	16V	Electrolytic	AC
C5829	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5830	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5831	VCEASY1CN157MY	J	150	16V	Electrolytic	AC
C5832	VCEASY1CN157MY	J	150	16V	Electrolytic	AC
C5833	VCEASY1CN107MY	J	100	16V	Electrolytic	AC

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Ref. No.	Part No.	★	Description	Code
C5834	VCEASY1CN157MY	J	150 16V Electrolytic	AC
C5835	VCEASY1CN157MY	J	150 16V Electrolytic	AC
C5836	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C5837	VCEASY1CN157MY	J	150 16V Electrolytic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1701	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1704	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1706	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1708	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R1710	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1711	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1713	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1714	VRS-CY1JF241FY	J	240 1/16W Metal Oxide	AA
R1715	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R1716	VRS-CY1JF241FY	J	240 1/16W Metal Oxide	AA
R1717	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R1718	VRS-TW2HPR16JY	J	0.16 1/2W Metal Oxide	AA
R1719	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1721	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1724	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1725	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1726	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1727	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1730	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R1731	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1732	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1737	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1740	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1742	VRS-TW2ED120JY	J	12 1/4W Metal Oxide	AA
R1743	VRS-TW2ED120JY	J	12 1/4W Metal Oxide	AA
R1746	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1747	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1748	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R1749	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R1750	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1752	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R1753	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R1754	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1773	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1774	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1783	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R1784	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1786	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1788	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5801	VRS-CH1JF102JY	J	1k 1/16W Metal Oxide	AA
R5802	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5803	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R5804	VRS-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA
R5805	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5806	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5807	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5809	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5812	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5813	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5814	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5815	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5817	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5818	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R5819	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5820	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R5821	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R5823	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5824	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5825	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5826	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5827	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5828	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5829	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5830	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5831	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5832	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5833	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5834	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5835	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5836	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5837	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5838	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5839	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5840	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5841	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5842	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5843	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5844	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5845	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5846	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5847	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5848	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5849	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5850	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5851	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5852	VRS-CY1JF752JY	J	7.5k 1/16W Metal Oxide	AA
R5853	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5854	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5855	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5856	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5857	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5858	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5859	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5860	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5861	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5862	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5863	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5864	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5865	VRS-CY1JF621FY	J	620 1/16W Metal Oxide	AA
R5866	VRS-CY1JF821FY	J	820 1/16W Metal Oxide	AA
R5867	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5868	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R5869	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5870	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5871	VRS-CY1JF621FY	J	620 1/16W Metal Oxide	AA
R5872	VRS-CY1JF821FY	J	820 1/16W Metal Oxide	AA
R5873	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R5874	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5875	VRS-CY1JF151FY	J	150 1/16W Metal Oxide	AA
R5876	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R5877	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5878	VRS-CY1JF271FY	J	270 1/16W Metal Oxide	AA
R5879	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5880	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5881	VRS-CY1JF271FY	J	270 1/16W Metal Oxide	AA
R5882	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5883	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5884	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5885	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5886	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5887	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5888	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5889	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5890	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5891	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5892	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5893	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5894	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5895	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5896	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5897	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5898	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1704	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB1705	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1706	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1707	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB1712	RBLN-0210TAZZY	J	Ferrite Bead	AB

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DC/DC UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB1714	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1715	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1716	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1718	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1719	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1721	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1722	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1724	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB5802	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5803	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5804	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5805	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5806	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5807	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5808	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5809	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5810	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5811	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB5812	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5813	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5814	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5815	RBLN-0210TAZZY	J	Ferrite Bead	AB
P1701	QCNCMA116WJZZ	J	Connector, 20Pin	AE
P1702	QPLGNA050WJZZ	J	Plug, 11Pin(DC)	AC
P5801	QPLGN0056CEZZY	J	Plug, 6Pin	AD
LUG1701	QLUGHA002WJZZ	J	Lug	AB
LUG1702	QLUGHA002WJZZ	J	Lug	AB
LUG1703	QLUGHA002WJZZ	J	Lug	AB
LUG1704	QLUGHA002WJZZ	J	Lug	AB
SC1701	QCNCWA202WJZZY	J	Connector, 60Pin	AK
SC1702	QCNCWA202WJZZY	J	Connector, 60Pin	AK
	LHLDFA021WJZZ	J	Holder	AC
	PZETKA093WJKZ	J	Insulator	AK
	PZETKA094WJKZ	J	Insulator	AF
	PZETKA095WJKZ	J	Insulator	AD
	PZETKA103WJKZ	J	Insulator	AF

DUNTKC507UJ03
CS CONTROL UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7851	VHiLM2642MT-1Y	J	LM2642MTCX/N0P	AR
IC7852	VHiLM2642MT-1Y	J	LM2642MTCX/N0P	AR

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7851	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7852	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7853	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7854	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7855	VSRSS090N03-1Y	J	RSS090N03	AE
Q7856	VSRSS090N03-1Y	J	RSS090N03	AE
Q7857	VSRSS090N03-1Y	J	RSS090N03	AE
Q7858	VSRSS090N03-1Y	J	RSS090N03	AE
Q7859	VSRSS090N03-1Y	J	RSS090N03	AE
Q7860	VSRSS090N03-1Y	J	RSS090N03	AE
Q7861	VSRSS090N03-1Y	J	RSS090N03	AE
Q7862	VSRSS090N03-1Y	J	RSS090N03	AE
Q7863	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7864	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7865	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q7876	VSDTC144EKA-1Y	J	DTC144EKA	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D7851	VHDDAP202U/-1Y	J	DAP202U	AB
D7852	VHDDAP202U/-1Y	J	DAP202U	AB

COILS

Ref. No.	Part No.	★	Description	Code
L7851	RCiLPA297WJZZY	J	Coil	AG
L7852	RCiLPA293WJZZY	J	Coil	AG
L7853	RCiLPA295WJZZY	J	Coil	AG
L7854	RCiLPA294WJZZY	J	Coil	AG

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C5651	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C7852	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7853	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7854	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C7855	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7856	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7857	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7858	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C7859	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C7860	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7861	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7862	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C7863	RC-KZA111WJZZY	J	1	50V	Ceramic	AC
C7864	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7865	RC-KZA068WJZZY	J	4.7	25V	Ceramic	AC
C7866	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7867	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7868	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7869	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7870	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7871	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7872	VCAAPE1AJ127MY	J	120	10V	Electrolytic	AE
C7873	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7874	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7875	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7876	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C7877	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7878	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7879	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7880	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C7881	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C7882	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7883	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7884	RC-KZA111WJZZY	J	1	50V	Ceramic	AC
C7885	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7886	RC-KZA068WJZZY	J	4.7	25V	Ceramic	AC
C7887	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7888	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7889	VCAAPE1CJ686MY	J	68	16V	Electrolytic	AE
C7890	VCAAPE1AJ127MY	J	120	10V	Electrolytic	AE
C7891	VCAAPE1AJ127MY	J	120	10V	Electrolytic	AE
C7892	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7893	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7894	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description		Code
R5651	VRS-CY1JF103JY	J	10k	1/16W Metal Oxide	AA
R5652	VRS-CY1JF103JY	J	10k	1/16W Metal Oxide	AA
R5653	VRS-CY1JF103JY	J	10k	1/16W Metal Oxide	AA
R5654	VRS-CY1JF103JY	J	10k	1/16W Metal Oxide	AA
R5655	VRS-CY1JF101JY	J	100	1/16W Metal Oxide	AA
R7851	VRS-CY1JF203JY	J	20k	1/16W Metal Oxide	AA
R7852	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7853	VRS-CY1JF203JY	J	20k	1/16W Metal Oxide	AA
R7854	VRS-CY1JF133FY	J	13k	1/16W Metal Oxide	AA
R7855	VRS-CY1JF133FY	J	13k	1/16W Metal Oxide	AA
R7856	VRS-CY1JF224JY	J	220k	1/16W Metal Oxide	AA
R7857	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7858	VRS-CY1JF4R7JY	J	4.7	1/16W Metal Oxide	AA
R7859	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7860	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7861	VRS-CY1JF4R7JY	J	4.7	1/16W Metal Oxide	AA
R7862	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7863	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7864	VRS-CY1JF4R7JY	J	4.7	1/16W Metal Oxide	AA
R7865	VRS-CY1JF104FY	J	100k	1/16W Metal Oxide	AA
R7866	VRS-CY1JF473FY	J	47k	1/16W Metal Oxide	AA
R7867	VRS-CY1JF183FY	J	18k	1/16W Metal Oxide	AA
R7868	VRS-CY1JF203FY	J	20k	1/16W Metal Oxide	AA
R7869	VRS-CY1JF000JY	J	0	1/16W Metal Oxide	AA
R7870	VRS-CY1JF203FY	J	20k	1/16W Metal Oxide	AA
R7871	VRS-CY1JF104FY	J	100k	1/16W Metal Oxide	AA

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CS CONTROL UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R7872	VRS-CY1JF474FY	J	470k 1/16W Metal Oxide	AA
R7873	VRS-CY1JF203JY	J	20k 1/16W Metal Oxide	AA
R7874	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7875	VRS-CY1JF203JY	J	20k 1/16W Metal Oxide	AA
R7876	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7877	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7878	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7879	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R7880	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7881	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R7882	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7883	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7884	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7885	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R7886	VRS-CY1JF823FY	J	82k 1/16W Metal Oxide	AA
R7887	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7888	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R7889	VRS-CY1JF224FY	J	220k 1/16W Metal Oxide	AA
R7890	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7891	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide	AA
R7892	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R7893	VRS-CY1JF224FY	J	220k 1/16W Metal Oxide	AA
R7894	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7895	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7896	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB7851	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7852	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7853	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7854	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7855	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7856	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7857	RBLN-0064TAZZY	J	Ferrite Bead	AB
FB7858	RBLN-0064TAZZY	J	Ferrite Bead	AB
P7851	QCNCMA202WJZZY	J	Connector, 60Pin	AK
P7852	QCNCMA202WJZZY	J	Connector, 60Pin	AK

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POWER SUPPLY UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC6151	95CH10Q3AQ001	J	TA76431	AL
IC6251	95CH10Q3AQ001	J	TA76431	AL
IC6351	95CH10Q3AQ001	J	TA76431	AL
IC7101	95CH3151AC001	J	FA5502M-TE1	AZ
IC7102	95CH10Q3AQ001	J	TA76431	AL
IC7951	95CH10Q3AQ001	J	TA76431	AL

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6101	95CT3326KL002	J	2SK3326	AQ
Q6102	95CT4097CC002	J	2SC4097	AE
Q6110	95CT4097CC002	J	2SC4097	AE
Q6112	95CT4097CC002	J	2SC4097	AE
Q6120	95CT3326KL002	J	2SK3326	AQ
Q6122	95CT4097CC002	J	2SC4097	AE
Q6180	95CT3273KL001	J	2SK3273	AX
Q6182	95CT4097CC002	J	2SC4097	AE
Q6201	95CT3326KL002	J	2SK3326	AQ
Q6202	95CT4097CC002	J	2SC4097	AE
Q6210	95CT4097CC002	J	2SC4097	AE
Q6212	95CT4097CC002	J	2SC4097	AE
Q6220	95CT3326KL002	J	2SK3326	AQ
Q6222	95CT4097CC002	J	2SC4097	AE
Q6280	95CT3273KL001	J	2SK3273	AX
Q6282	95CT4097CC002	J	2SC4097	AE
Q6301	95CT3326KL002	J	2SK3326	AQ
Q6302	95CT4097CC002	J	2SC4097	AE
Q6310	95CT4097CC002	J	2SC4097	AE
Q6312	95CT4097CC002	J	2SC4097	AE
Q6320	95CT3326KL002	J	2SK3326	AQ
Q6322	95CT4097CC002	J	2SC4097	AE
Q6380	95CT3273KL001	J	2SK3273	AX
Q6382	95CT4097CC002	J	2SC4097	AE
Q7001	95CT4081CC002	J	2SC4081	AD
Q7101	95CT1044ML001	J	F11F60C3	AZ
Q7102	95CT1044ML001	J	F11F60C3	AZ
Q7103	95CT1858DR001	J	2SD1858	AH
Q7104	95CT1237BR001	J	2SB1237	AH
Q7105	95CT1576AC002	J	2SA1576A	AD
Q7106	95CT4081CC002	J	2SC4081	AD
Q7107	95CT1576AC002	J	2SA1576A	AD
Q7108	95CT2012DL002	J	2SD2012	AL
Q7901	95CT2717KL002	J	2SK2717	AS
Q7902	95CT4097CC002	J	2SC4097	AE
Q7921	95CT4081CC002	J	2SC4081	AD
Q7922	95CT4081CC002	J	2SC4081	AD
Q7923	95CT4081CC002	J	2SC4081	AD
Q7931	95CT5201CR001	J	2SC5201	AH
Q7932	95CT4081CC002	J	2SC4081	AD
Q7941	95CT1576AC002	J	2SA1576A	AD
Q7942	95CT4081CC002	J	2SC4081	AD
Q7951	95CT4081CC002	J	2SC4081	AD
Q7962	95CT4081CC002	J	2SC4081	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D6102	95CD2095AQ008	J	1SS355	AD
D6103	95CD2095AQ008	J	1SS355	AD
D6104	95CD2095AQ008	J	1SS355	AD
D6106	95CD2095AQ008	J	1SS355	AD
D6107	95CD2095AQ008	J	1SS355	AD
D6110	95CD2095AQ008	J	1SS355	AD
D6111	95CD2095AQ008	J	1SS355	AD
D6112	95CD4103AC008	J	Zener Diode	AD
D6113	95CD2095AQ008	J	1SS355	AD
D6121	95CD4103AC008	J	Zener Diode	AD
D6122	95CD2095AQ008	J	1SS355	AD
D6123	95CD4103AC013	J	Zener Diode	AD
D6124	95CD2095AQ008	J	1SS355	AD
D6130	95CD2095AQ008	J	1SS355	AD
D6131	95CD2095AQ008	J	1SS355	AD
D6151	95CD2027BQ006	J	YG805C06R	AP
D6154	95CD4103AC043	J	Zener Diode	AD
D6155	95CD2095AQ008	J	1SS355	AD
D6181	95CD4103AC002	J	Zener Diode	AD
D6182	95CD2095AQ008	J	1SS355	AD
D6184	95CD2095AQ008	J	1SS355	AD
D6185	95CD2095AQ008	J	1SS355	AD
D6186	95CD2095AQ008	J	1SS355	AD
D6187	95CD4103AC049	J	Zener Diode	AD
D6188	95CD2095AQ008	J	1SS355	AD
D6189	95CD2095AQ008	J	1SS355	AD
D6202	95CD2095AQ008	J	1SS355	AD
D6203	95CD2095AQ008	J	1SS355	AD
D6204	95CD2095AQ008	J	1SS355	AD
D6206	95CD2095AQ008	J	1SS355	AD
D6207	95CD2095AQ008	J	1SS355	AD
D6210	95CD2095AQ008	J	1SS355	AD
D6211	95CD2095AQ008	J	1SS355	AD
D6212	95CD4103AC008	J	Zener Diode	AD
D6213	95CD2095AQ008	J	1SS355	AD
D6221	95CD4103AC008	J	Zener Diode	AD
D6222	95CD2095AQ008	J	1SS355	AD
D6223	95CD4103AC013	J	Zener Diode	AD
D6224	95CD2095AQ008	J	1SS355	AD
D6230	95CD2095AQ008	J	1SS355	AD
D6231	95CD2095AQ008	J	1SS355	AD
D6251	95CD2027BQ006	J	YG805C06R	AP
D6254	95CD4103AC043	J	Zener Diode	AD
D6255	95CD2095AQ008	J	1SS355	AD
D6281	95CD4103AC002	J	Zener Diode	AD
D6282	95CD2095AQ008	J	1SS355	AD
D6284	95CD2095AQ008	J	1SS355	AD
D6285	95CD2095AQ008	J	1SS355	AD

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POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D6286	95CD2095AQ008	J	1SS355	AD
D6287	95CD4103AC049	J	Zener Diode	AD
D6288	95CD2095AQ008	J	1SS355	AD
D6289	95CD2095AQ008	J	1SS355	AD
D6302	95CD2095AQ008	J	1SS355	AD
D6303	95CD2095AQ008	J	1SS355	AD
D6304	95CD2095AQ008	J	1SS355	AD
D6306	95CD2095AQ008	J	1SS355	AD
D6307	95CD2095AQ008	J	1SS355	AD
D6310	95CD2095AQ008	J	1SS355	AD
D6311	95CD2095AQ008	J	1SS355	AD
D6312	95CD4103AC008	J	Zener Diode	AD
D6313	95CD2095AQ008	J	1SS355	AD
D6321	95CD4103AC008	J	Zener Diode	AD
D6322	95CD2095AQ008	J	1SS355	AD
D6323	95CD4103AC013	J	Zener Diode	AD
D6324	95CD2095AQ008	J	1SS355	AD
D6330	95CD2095AQ008	J	1SS355	AD
D6331	95CD2095AQ008	J	1SS355	AD
D6351	95CD2027BQ006	J	YG805C06R	AP
D6354	95CD4103AC021	J	Zener Diode	AD
D6355	95CD2095AQ008	J	1SS355	AD
D6381	95CD4103AC002	J	Zener Diode	AD
D6382	95CD2095AQ008	J	1SS355	AD
D6384	95CD2095AQ008	J	1SS355	AD
D6385	95CD2095AQ008	J	1SS355	AD
D6386	95CD2095AQ008	J	1SS355	AD
D6387	95CD4103AC049	J	Zener Diode	AD
D6388	95CD2095AQ008	J	1SS355	AD
D6389	95CD2095AQ008	J	1SS355	AD
⚠ D7001	95CD1132AL006	J	D25XB60	AU
⚠ D7002	95CD1057AQ006	J	ERA15-06	AE
⚠ D7003	95CD1057AQ006	J	ERA15-06	AE
⚠ D7004	95CD1057AQ006	J	ERA15-06	AE
D7005	95CD1057AQ006	J	ERA15-06	AE
D7006	95CD4103AC019	J	Zener Diode	AD
D7007	95CD4103AC019	J	Zener Diode	AD
D7008	95CD4103AC019	J	Zener Diode	AD
D7009	95CD2095AQ008	J	1SS355	AD
D7101	95CD2172AL006	J	SF10L60U	AR
D7102	95CD2172AL006	J	SF10L60U	AR
D7103	95CD1057AQ006	J	ERA15-06	AE
D7104	95CD4103AC026	J	Zener Diode	AD
D7106	95CD4103AC023	J	Zener Diode	AD
D7107	95CD2071AQ002	J	ERA92-02	AG
D7903	95CD2095AQ008	J	1SS355	AD
D7904	95CD2095AQ008	J	1SS355	AD
D7905	95CD4103AC023	J	Zener Diode	AD
D7906	95CD2095AQ008	J	1SS355	AD
D7907	95CD4103AC053	J	Zener Diode	AD
D7908	95CD4103AC053	J	Zener Diode	AD
D7909	95CD4103AC053	J	Zener Diode	AD
D7910	95CD4103AC053	J	Zener Diode	AD
D7911	95CD4103AC053	J	Zener Diode	AD
D7912	95CD4103AC053	J	Zener Diode	AD
D7913	95CD4103AC053	J	Zener Diode	AD
D7914	95CD4103AC053	J	Zener Diode	AD
D7915	95CD4103AC053	J	Zener Diode	AD
D7916	95CD4103AC053	J	Zener Diode	AD
D7917	95CD4103AC053	J	Zener Diode	AD
D7918	95CD4103AC053	J	Zener Diode	AD
D7919	95CD4103AC015	J	Zener Diode	AD
D7921	95CD2095AQ008	J	1SS355	AD
D7922	95CD2095AQ008	J	1SS355	AD
D7923	95CD2095AQ008	J	1SS355	AD
D7927	95CD2092AQ002	J	SC902-2	AG
D7931	95CD4103AC041	J	Zener Diode	AD
D7932	95CD4103AC013	J	Zener Diode	AD
D7933	95CD2095AQ008	J	1SS355	AD
D7941	95CD2092AQ002	J	SC902-2	AG
D7942	95CD4103AC024	J	Zener Diode	AD
D7943	95CD4103AC023	J	Zener Diode	AD

Ref. No.	Part No.	★	Description	Code
D7944	95CD2095AQ008	J	1SS355	AD
D7945	95CD2095AQ008	J	1SS355	AD
D7951	95CD2005BQ206	J	ERC81-006	AL
D7952	95CD4103AC008	J	Zener Diode	AD
D7953	95CD2095AQ008	J	1SS355	AD

COILS

Ref. No.	Part No.	★	Description	Code
⚠ L7001	95CL1208RS103	J	Coil SC-05-E100JKH	AU
⚠ L7101	95CL1185RS640	J	Coil SN12-400JH	AR
L7102	95CL1210RS182	J	Coil HHB20-1R2A1880JH	BC

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T6101	95CL2000WS001	J	2WS001	BB
⚠ T6201	95CL2000WS001	J	2WS001	BB
⚠ T6301	95CL2000WS002	J	2WS002	BB
⚠ T7901	95CL2000DL150	J	2D150	AY

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C6101	95CC3146YS151	J	150 (KXW)	BA
C6103	95CC1094EQ101	J	100p	AC
C6109	95CC1093AQ472	J	4700p	AE
C6110	95CC1095EQ103	J	0.01	AC
C6120	95CC2047MQ474	J	0.47(HCE-SC)	AP
C6121	95CC1094EQ222	J	2200p	AE
C6122	95CC1093AQ472	J	4700p	AE
C6123	95CC1094EQ101	J	100p	AC
C6151	95CC10A9RQ102	J	1000p(HR)	AE
C6152	95CC3150DR471	J	470(ZLH)	AK
C6153	95CC3150DR471	J	470(ZLH)	AK
C6154	95CC3150DR471	J	470(ZLH)	AK
C6155	95CC3150DR471	J	470(ZLH)	AK
C6156	95CC3150DR471	J	470(ZLH)	AK
C6157	95CC1095CQ224	J	0.22	AD
C6158	95CC1095CQ104	J	0.1	AC
C6181	95CC1095EQ472	J	4700p	AC
C6182	95CC1093AQ472	J	4700p	AE
C6183	95CC1094EQ471	J	470p	AC
C6201	95CC3146YS151	J	150 (KXW)	BA
C6203	95CC1094EQ101	J	100p	AC
C6209	95CC1093AQ472	J	4700p	AE
C6210	95CC1095EQ103	J	0.01	AC
C6220	95CC2047MQ474	J	0.47(HCE-SC)	AP
C6221	95CC1094EQ222	J	2200p	AE
C6222	95CC1093AQ472	J	4700p	AE
C6223	95CC1094EQ101	J	100p	AC
C6251	95CC10A9RQ102	J	1000p(HR)	AE
C6252	95CC3150DR471	J	470(ZLH)	AK
C6253	95CC3150DR471	J	470(ZLH)	AK
C6254	95CC3150DR471	J	470(ZLH)	AK
C6255	95CC3150DR471	J	470(ZLH)	AK
C6256	95CC3150DR471	J	470(ZLH)	AK
C6257	95CC1095CQ224	J	0.22	AD
C6258	95CC1095CQ104	J	0.1	AC
C6281	95CC1095EQ472	J	4700p	AC
C6282	95CC1093AQ472	J	4700p	AE
C6283	95CC1094EQ471	J	470p	AC
C6301	95CC3146YS151	J	150 (KXW)	BA
C6303	95CC1094EQ101	J	100p	AC
C6309	95CC1093AQ472	J	4700p	AE
C6310	95CC1095EQ103	J	0.01	AC
C6320	95CC2047MQ474	J	0.47(HCE-SC)	AP
C6321	95CC1094EQ222	J	2200p	AE
C6322	95CC1093AQ472	J	4700p	AE
C6323	95CC1094EQ101	J	100p	AC
C6351	95CC10A9RQ102	J	1000p(HR)	AE
C6352	95CC3150DR471	J	470(ZLH)	AK
C6353	95CC3150DR471	J	470(ZLH)	AK
C6354	95CC3150DR471	J	470(ZLH)	AK
C6355	95CC3150DR471	J	470(ZLH)	AK
C6357	95CC1095CQ224	J	0.22	AD
C6358	95CC1095EQ473	J	0.047	AC
C6381	95CC1095EQ472	J	4700p	AC
C6382	95CC1093AQ472	J	4700p	AE
C6383	95CC1094EQ471	J	470p	AC
⚠ C6391	95CC1384QS471	J	470p(B)	AE
⚠ C6392	95CC1384QS471	J	470p(B)	AE

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POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
⚠ C7001	95CC2045QQ104	J	0.1(RE-C)	AF
⚠ C7005	95CC1095EQ103	J	0.01	AC
C7006	95CC10Q0CQ105	J	1	AE
⚠ C7101	95CC2047MQ474	J	0.47(HCE-SC)	AP
C7102	95CC2047MQ474	J	0.47(HCE-SC)	AP
C7103	95CC2047MQ474	J	0.47(HCE-SC)	AP
C7104	95CC2047MQ474	J	0.47(HCE-SC)	AP
C7106	95CC3077MQ3R3	J	3.3(KMG)	AK
C7108	95CC1152BC106	J	10(B)	AG
C7109	95CC10B2SQ470	J	47p	AD
C7110	95CC1095EQ104	J	0.1	AC
C7111	95CC1095EQ104	J	0.1	AC
C7112	95CC1094EQ471	J	470p	AC
C7113	95CC1095EQ473	J	0.047	AC
C7114	95CC1094EQ101	J	100p	AC
C7115	95CC1094EQ471	J	470p	AC
C7116	95CC1095EQ104	J	0.1	AC
C7117	95CC1095EQ104	J	0.1	AC
C7118	95CC1152BC106	J	10(B)	AG
C7119	95CC1095EQ103	J	0.01	AC
C7120	95CC1095EQ104	J	0.1	AC
C7121	95CC30A0DQ330	J	33(ZL)	AE
C7122	95CC1095EQ104	J	0.1	AC
C7123	95CC1095EQ104	J	0.1	AC
C7130	95CC2046NQ104	J	0.1(ECQ-E)	AK
C7901	95CC3151YS101	J	100(KXG)	AX
C7903	95CC10B2SQ470	J	47p	AD
C7909	95CC1093AQ472	J	4700p	AE
C7910	95CC1095EQ103	J	0.01	AC
C7911	95CC1094EQ101	J	100p	AC
C7922	95CC1152EC224	J	0.22(B)	AE
C7923	95CC1094EQ101	J	100p	AC
C7925	95CC1095EQ104	J	0.1	AC
C7941	95CC30A0EQ220	J	22(ZL)	AE
C7942	95CC1094EQ102	J	1000p	AD
C7943	95CC10Q0CQ105	J	1	AE
C7944	95CC10Q0CQ105	J	1	AE
C7951	95CC10A9RQ102	J	1000p(HR)	AE
C7952	95CC3150DR471	J	470(ZLH)	AK
C7953	95CC3150DR471	J	470(ZLH)	AK
C7955	95CC1095EQ104	J	0.1	AC
C7956	95CC1095EQ104	J	0.1	AC
C7957	95CC1095EQ104	J	0.1	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6101	95CR3133AC184	J	180k	AC
R6102	95CR3133AC184	J	180k	AC
R6103	95CR3133AC184	J	180k	AC
R6105	95CR3121TC273	J	27k	AB
R6106	95CR3131AC392	J	3.9k	AB
R6107	95CR3121TC331	J	330	AB
R6108	95CR3121TC333	J	33k	AB
R6109	95CR3131AC000	J	0	AB
R6110	95CR3121TC222	J	2.2k	AB
R6111	95CR3127TC822	J	8.2k	AC
R6112	95CR3121TC273	J	27k	AB
R6114	95CR3131AC392	J	3.9k	AB
R6117	95CR3121TC561	J	560	AB
R6118	95CR3121TC101	J	100	AB
R6120	95CR3121TC223	J	22k	AB
R6121	95CR3131AC471	J	470	AB
R6122	95CR3121TC332	J	3.3k	AB
R6123	95CR3127TC153	J	15k	AC
R6124	95CR3127TC222	J	2.2k	AC
R6125	95CR3121TC472	J	4.7k	AB
R6127	95CR3123TC154	J	150k	AB
R6130	95CR3133AC474	J	470k	AC
R6131	95CR3133AC474	J	470k	AC
R6132	95CR3133AC474	J	470k	AC
R6133	95CR3133AC684	J	680k	AC
R6134	95CR3133AC564	J	560k	AC
R6135	95CR3133AC564	J	560k	AC
R6136	95CR3121TC333	J	33k	AB
R6137	95CR3121TC223	J	22k	AB
R6138	95CR3121TC103	J	10k	AB
R6140	95CR3123TC104	J	100k	AB
R6141	95CR3133AC334	J	330k	AC
R6142	95CR3133AC334	J	330k	AC
R6143	95CR3133AC394	J	390k	AC
R6144	95CR3121TC393	J	39k	AB
R6151	95CR3121TC472	J	4.7k	AB
R6152	95CR3121TC472	J	4.7k	AB
R6153	95CR3121TC222	J	2.2k	AB
R6154	95CR3127TC101	J	100	AC
R6155	95CR3127TC102	J	1k	AC
R6156	95CR3127TC392	J	3.9k	AC
R6157	95CR3127TC102	J	1k	AC
R6158	95CR3121TC471	J	470	AB
R6160	95CR3121TC102	J	1k	AB
R6177	95CR3121TC100	J	10	AB
R6178	95CR3131AC220	J	22	AB
R6180	95CR3121TC273	J	27k	AB
R6181	95CR3131AC220	J	22	AB
R6182	95CR3121TC472	J	4.7k	AB
R6183	95CR3127TC103	J	10k	AC
R6184	95CR3121TC681	J	680	AB
R6185	95CR3127TC223	J	22k	AC
R6186	95CR3123TC104	J	100k	AB
R6187	95CR3121TC470	J	47	AB
R6201	95CR3133AC184	J	180k	AC
R6202	95CR3133AC184	J	180k	AC
R6203	95CR3133AC184	J	180k	AC
R6205	95CR3121TC273	J	27k	AB
R6206	95CR3131AC392	J	3.9k	AB
R6207	95CR3121TC331	J	330	AB
R6208	95CR3121TC333	J	33k	AB
R6209	95CR3131AC000	J	0	AB
R6210	95CR3121TC222	J	2.2k	AB
R6211	95CR3127TC822	J	8.2k	AC
R6212	95CR3121TC273	J	27k	AB
R6214	95CR3131AC392	J	3.9k	AB
R6217	95CR3121TC561	J	560	AB
R6218	95CR3121TC101	J	100	AB
R6220	95CR3121TC223	J	22k	AB
R6221	95CR3131AC471	J	470	AB
R6222	95CR3121TC332	J	3.3k	AB
R6223	95CR3127TC153	J	15k	AC
R6224	95CR3127TC222	J	2.2k	AC
R6225	95CR3121TC472	J	4.7k	AB
R6227	95CR3123TC154	J	150k	AB
R6230	95CR3133AC474	J	470k	AC
R6231	95CR3133AC474	J	470k	AC
R6232	95CR3133AC474	J	470k	AC
R6233	95CR3133AC684	J	680k	AC
R6234	95CR3133AC564	J	560k	AC
R6235	95CR3133AC564	J	560k	AC
R6236	95CR3121TC333	J	33k	AB
R6237	95CR3121TC223	J	22k	AB
R6238	95CR3121TC103	J	10k	AB
R6240	95CR3123TC104	J	100k	AB
R6241	95CR3133AC334	J	330k	AC
R6242	95CR3133AC334	J	330k	AC
R6243	95CR3133AC394	J	390k	AC
R6244	95CR3121TC393	J	39k	AB
R6251	95CR3121TC472	J	4.7k	AB
R6252	95CR3121TC472	J	4.7k	AB
R6253	95CR3121TC222	J	2.2k	AB
R6254	95CR3127TC101	J	100	AC
R6255	95CR3127TC102	J	1k	AC
R6256	95CR3127TC392	J	3.9k	AC
R6257	95CR3127TC102	J	1k	AC
R6258	95CR3121TC471	J	470	AB
R6260	95CR3121TC102	J	1k	AB
R6277	95CR3121TC100	J	10	AB
R6278	95CR3131AC220	J	22	AB
R6280	95CR3121TC273	J	27k	AB
R6281	95CR3131AC220	J	22	AB
R6282	95CR3121TC472	J	4.7k	AB

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POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R6283	95CR3127TC103	J	10k	AC
R6284	95CR3121TC681	J	680	AB
R6285	95CR3127TC223	J	22k	AC
R6286	95CR3123TC104	J	100k	AB
R6287	95CR3121TC470	J	47	AB
R6301	95CR3133AC184	J	180k	AC
R6302	95CR3133AC184	J	180k	AC
R6303	95CR3133AC184	J	180k	AC
R6305	95CR3121TC273	J	27k	AB
R6306	95CR3131AC332	J	3.3k	AB
R6307	95CR3121TC331	J	330	AB
R6308	95CR3121TC332	J	3.3k	AB
R6309	95CR3131AC000	J	0	AB
R6310	95CR3121TC222	J	2.2k	AB
R6311	95CR3127TC123	J	12k	AC
R6312	95CR3127TC473	J	47k	AC
R6314	95CR3131AC332	J	3.3k	AB
R6317	95CR3121TC561	J	560	AB
R6318	95CR3121TC101	J	100	AB
R6320	95CR3121TC223	J	22k	AB
R6321	95CR3131AC471	J	470	AB
R6322	95CR3121TC332	J	3.3k	AB
R6323	95CR3127TC273	J	27k	AC
R6324	95CR3127TC222	J	2.2k	AC
R6325	95CR3121TC472	J	4.7k	AB
R6327	95CR3127TC273	J	27k	AC
R6330	95CR3133AC474	J	470k	AC
R6331	95CR3133AC474	J	470k	AC
R6332	95CR3133AC474	J	470k	AC
R6333	95CR3133AC684	J	680k	AC
R6334	95CR3133AC564	J	560k	AC
R6335	95CR3133AC564	J	560k	AC
R6336	95CR3121TC333	J	33k	AB
R6337	95CR3121TC223	J	22k	AB
R6338	95CR3121TC103	J	10k	AB
R6340	95CR3123TC104	J	100k	AB
R6341	95CR3133AC334	J	330k	AC
R6342	95CR3133AC334	J	330k	AC
R6343	95CR3133AC394	J	390k	AC
R6344	95CR3121TC393	J	39k	AB
R6351	95CR3121TC472	J	4.7k	AB
R6352	95CR3127TC272	J	2.7k	AC
R6353	95CR3121TC392	J	3.9k	AB
R6353	95CR3121TC392	J	3.9k	AB
R6354	95CR3127TC101	J	100	AC
R6355	95CR3127TC102	J	1k	AC
R6356	95CR3127TC272	J	2.7k	AC
R6357	95CR3127TC102	J	1k	AC
R6358	95CR3127TC391	J	390	AC
R6358	95CR3127TC391	J	390	AC
R6360	95CR3121TC102	J	1k	AB
R6377	95CR3121TC100	J	10	AB
R6378	95CR3131AC220	J	22	AB
R6380	95CR3121TC273	J	27k	AB
R6381	95CR3131AC220	J	22	AB
R6382	95CR3121TC472	J	4.7k	AB
R6383	95CR3127TC822	J	8.2k	AC
R6384	95CR3121TC681	J	680	AB
R6385	95CR3127TC223	J	22k	AC
R6387	95CR3121TC470	J	47	AB
⚠ R7001	95CR3062UQ151	J	150	AE
⚠ R7002	95CR3062UQ100	J	10	AE
⚠ R7003	95CR3131AC100	J	10	AB
⚠ R7004	95CR3131AC100	J	10	AB
R7006	95CR3131AC103	J	10k	AB
R7007	95CR3131AC103	J	10k	AB
R7008	95CR3131AC103	J	10k	AB
R7009	95CR3131AC103	J	10k	AB
R7010	95CR3131AC103	J	10k	AB
R7011	95CR3131AC103	J	10k	AB
R7012	95CR3131AC103	J	10k	AB
R7013	95CR3131AC473	J	47k	AB
R7014	95CR3131AC101	J	100	AB
R7015	95CR3131AC000	J	0	AB
R7101	95CR3136AC274	J	270k	AC
R7102	95CR3136AC274	J	270k	AC
R7103	95CR3136AC274	J	270k	AC
R7104	95CR3127TC332	J	3.3k	AC
R7105	95CR3136AC684	J	680k	AC
R7106	95CR3136AC684	J	680k	AC
R7107	95CR3136AC684	J	680k	AC
R7108	95CR3127TC223	J	22k	AC
R7109	95CR3121TC222	J	2.2k	AB
R7110	95CR3121TC103	J	10k	AB
R7111	95CR3129TC474	J	470k	AC
R7112	95CR3129TC474	J	470k	AC
R7113	95CR3121TC103	J	10k	AB
R7114	95CR3121TC103	J	10k	AB
R7115	95CR3136AC224	J	220k	AC
R7116	95CR3136AC224	J	220k	AC
R7117	95CR3136AC224	J	220k	AC
R7118	95CR3127TC471	J	470	AC
R7119	95CR3127TC222	J	2.2k	AC
R7120	95CR3127TC561	J	560	AC
R7121	95CR3136AC334	J	330k	AC
R7122	95CR3136AC334	J	330k	AC
R7123	95CR3136AC334	J	330k	AC
R7124	95CR3127TC392	J	3.9k	AC
R7125	95CR3062UQ101	J	100	AE
R7126	95CR3121TC221	J	220	AB
R7127	95CR3121TC221	J	220	AB
R7128	95CR3127TC333	J	33k	AC
R7129	95CR3129TC224	J	220k	AC
R7130	95CR3127TC333	J	33k	AC
R7131	95CR3127TC183	J	18k	AC
R7132	95CR3127TC270	J	27	AC
R7133	95CR3127TC103	J	10k	AC
R7134	95CR3131AC100	J	10	AB
R7135	95CR3131AC100	J	10	AB
R7136	95CR3121TC103	J	10k	AB
R7137	95CR3121TC103	J	10k	AB
R7138	95CR5101ELR22	J	0.22	AM
R7139	95CR5101ELR22	J	0.22	AM
R7140	95CR5101ELR22	J	0.22	AM
R7142	95CR3121TC472	J	4.7k	AB
R7143	95CR3121TC472	J	4.7k	AB
R7144	95CR3121TC103	J	10k	AB
R7145	95CR3121TC223	J	22k	AB
R7146	95CR3121TC103	J	10k	AB
R7147	95CR3123TC105	J	1M	AB
R7901	95CR3121TC102	J	1k	AB
R7905	95CR3121TC273	J	27k	AB
R7906	95CR3131AC182	J	1.8k	AB
R7908	95CR3121TC333	J	33k	AB
R7909	95CR3131AC330	J	33	AB
R7910	95CR3121TC682	J	6.8k	AB
R7911	95CR3127TC123	J	12k	AC
R7912	95CR3127TC123	J	12k	AC
R7913	95CR3127TC822	J	8.2k	AC
R7914	95CR3131AC182	J	1.8k	AB
R7917	95CR3121TC681	J	680	AB
R7922	95CR3121TC123	J	12k	AB
R7923	95CR3129TC104	J	100k	AC
R7924	95CR3127TC333	J	33k	AC
R7925	95CR3129TC184	J	180k	AC
R7927	95CR3131AC181	J	180	AB
R7931	95CR4051CQ563	J	56k	AD
R7932	95CR4051CQ104	J	100k	AD
R7933	95CR3133AC185	J	1.8M	AC
R7934	95CR3133AC185	J	1.8M	AC
R7935	95CR3133AC155	J	1.5M	AC
R7936	95CR3133AC155	J	1.5M	AC
R7941	95CR3131AC103	J	10k	AB
R7942	95CR3121TC103	J	10k	AB
R7943	95CR3121TC473	J	47k	AB
R7944	95CR3121TC473	J	47k	AB
R7945	95CR3133AC105	J	1M	AC
R7946	95CR3133AC105	J	1M	AC

RDENCA086WJZZ
POWER SUPPLY UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R7947	95CR3133AC105	J	1M	AC
R7948	95CR3133AC105	J	1M	AC
R7949	95CR3123TC104	J	100k	AB
R7951	95CR3121TC331	J	330	AB
R7952	95CR3121TC222	J	2.2k	AB
R7953	95CR3123TC154	J	150k	AB
R7954	95CR3127TC821	J	820	AC
R7955	95CR3127TC392	J	3.9k	AC
R7956	95CR3127TC332	J	3.3k	AC
R7957	95CR3121TC102	J	1k	AB
R7958	95CR3121TC102	J	1k	AB
R7959	95CR3121TC102	J	1k	AB
R7960	95CR3131AC471	J	470	AB
R7961	95CR3121TC103	J	10k	AB
R7962	95CR3121TC103	J	10k	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
ASR1	95CM9017AZ001	J	Accessories, MINI SADDLE RMS-2V0-B	AF
ASR2	95CM9017AZ001	J	Accessories, MINI SADDLE RMS-2V0-B	AF
BEA7101	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7102	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7104	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7105	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7901	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7941	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA7951	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
⚠ F7003	95CK7101AR2R0	J	Fuse, AC250V 2.0A (382)	AK
⚠ F7004	95CK7142AL001	J	Fuse, DC450V1A(DCP)	
FG1	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG2	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
⚠ NTC700	195CD7059AQ8R0	J	NTC THERMISTOR, NTPD78R0LD6A1	AK
⚠ P6101	95CK2051AQ002	J	Connector, B2P3-VH	AE
P7001	95CK2061AQ008	J	Connector, B8P-VH	AN
P7901	95CK2130BS005	J	Connector, B11B-PASK-1	AN
⚠ PC6101	95CH7148AS003	J	PC123	AH
⚠ PC6201	95CH7148AS003	J	PC123	AH
⚠ PC6301	95CH7148AS003	J	PC123	AH
⚠ PC7001	95CH7136AS001	J	PC3SF21YVZA	AP
⚠ PC7101	95CH7148AS003	J	PC123	AH
⚠ PC7901	95CH7148AS003	J	PC123	AH
⚠ PC7902	95CH7148AS003	J	PC123	AH
PTC7101	95CD8002AQ120	J	Posister, PTFM04BB222Q2N34B0	AP
SHT1	95C0PKPS10310	J	Sheet, SILICONE RUBBER SHEET TBM FB-45	AS
⚠ TRA7001	95CD5013AQ616	J	TRIODE AC SEMICONDUCTOR SWITCH, SM16JZ47	AT
⚠ Z7002	95CD7058AQ471	J	TRANSIENT VOLTAGE SURGE SUPPRESSOR, ENC471D-10A	AG

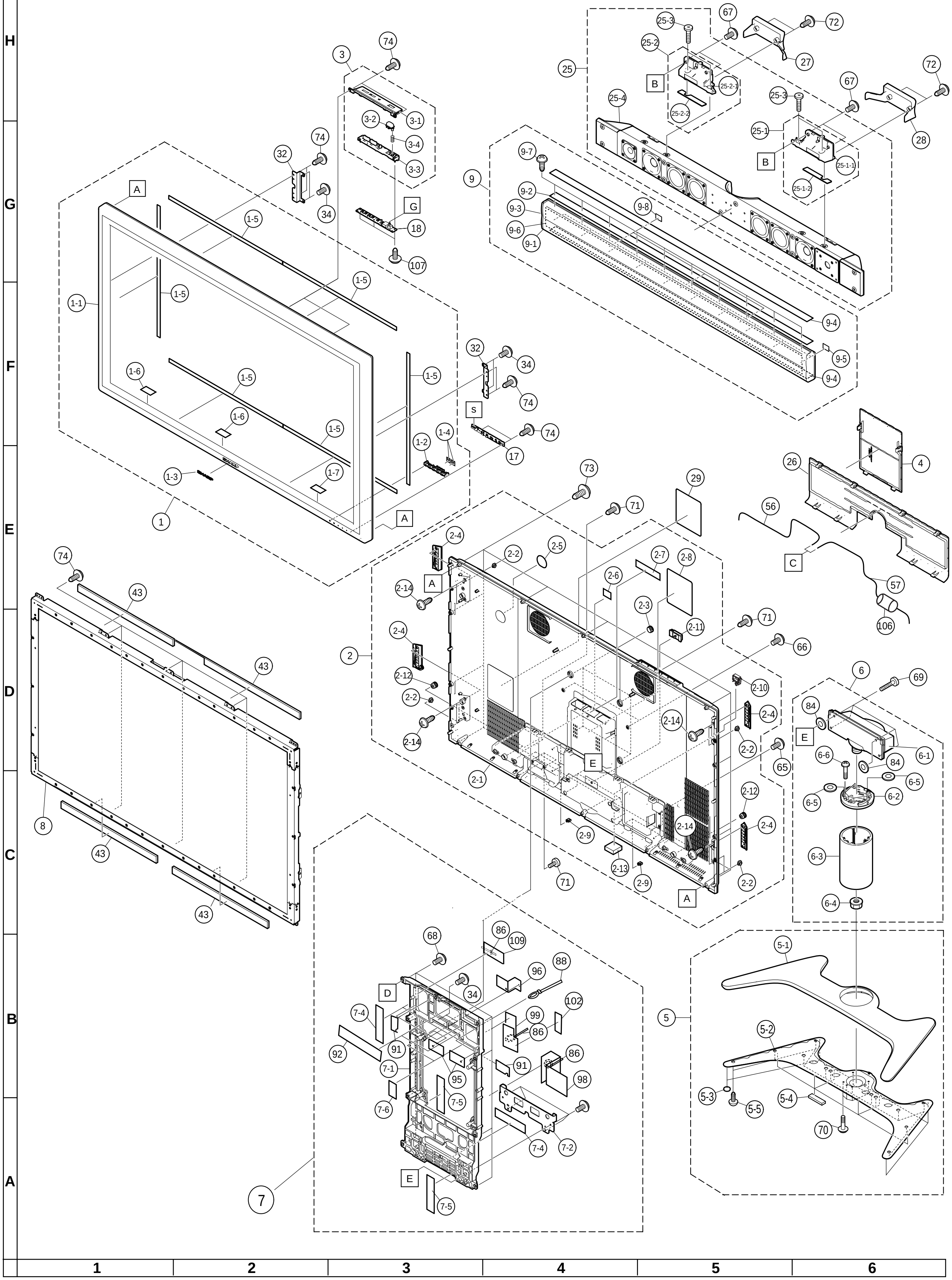
CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CCABAA788WJ01	J	Front Cabinet Ass'y	BR
1-1	*Not Available*	–	Front Cabinet	—
1-2	GCOVAA917WJSA	J	R/C LED Cover	AG
1-3	HBDGBA039WJSA	J	Badge SHARP	AL
1-4	PSPAGA237WJZZ	J	Spacer, x2	AB
1-5	PSPAHA376WJZZ	J	Spacer, x6	AC
1-6	PSPAKA083WJZZ	J	Spacer, x2	AB
1-7	PSPAKA084WJZZ	J	Spacer	AA
2	CCABBA507WJ02	J	Rear Cabinet Ass'y (LC-45GD1I)	BY
2	CCABBA507WJ01	J	Rear Cabinet Ass'y (LC-45GD1E/K/F/R)	BY
2-1	*Not Available*	–	Rear Cabinet	—
2-2	GCOVAA755WJKA	J	Hole Cover, x6	AC
2-3	GCOVAA838WJKA	J	Cover, x4	AE
2-4	GCOVAA931WJKA	J	Side Cover A, x4	AG
2-5	HiNDP5733CESB	J	AQUOS Label	AD
2-6	HiNDPA754WJSA	J	Indicator	AD
2-7	HiNDPA786WJSA	J	Indicator	AE
2-8	HiNDPB131WJSA	J	Indicator	AH
2-9	LHLDWA048WJKZ	J	Holder, x5	AB
2-10	LHLDWA059WJKZ	J	Holder	AC
2-11	LHLDWA066WJZZ	J	Holder	AF
2-12	LHLDZ0132CEZZ	J	Holder, x2	AD
2-13	PSPAKA081WJZZ	J	Spacer	AA
2-14	XEBS930P10000	J	Screw, x8	AA
3	CCOVAB098WJ01	J	Control Cover Ass'y	AU
3-1	*Not Available*	–	Control Cover	—
3-2	JBTN-A344WJKA	J	Control Button	AH
3-3	JBTN-A326WJKA	J	Power Button	AL
3-4	MSPRCA014WJFW	J	Power Button Spring	AB
4	GCOVAA681WJKA	J	Terminal Cover_up	AN
5	CDAi-A128WJ02	J	Stand Unit	BQ
5-1	GDAi-A128WJKA	J	Stand Base	BB
5-2	LANGKA342WJSA	J	Base Angle	BG
5-3	PSPAZA476WJZZ	J	Spacer, x4	AC
5-4	PSPAZA477WJZZ	J	Spacer, x6	AD
5-5	XEBS940P10000	J	Screw, x12	AB
6	CHNG-A078WJ02	J	Stand Hinge Ass'y	BQ
6-1	*Not Available*	–	Stand Hinge	—
6-2	GDAi-A117WJF8	J	Swivel Base	AP
6-3	GDAi-A145WJSA	J	Stand Pole	BB
6-4	LX-NZA013WJFN	J	Nut	AE
6-5	PSPAZA580WJZZ	J	Spacer, x2	AC
6-6	XCSS940P25000	J	Screw, x5	AB
7	CCHSMA134WJ01	J	Chassis Ass'y	BW
7-1	*Not Available*	–	Chassis	—
7-2	LANGKA305WJFW	J	Fixing Metal	AW
7-3	LX-BZA046WJFN	J	Screw, x4	AA
7-4	PSPAHA432WJZZ	J	Spacer, x3	AC
7-5	PSPAHA433WJZZ	J	Spacer, x2	AC
7-6	PSPAHA458WJZZ	J	Spacer, x2	AB
8	*Not Available*	–	45" Wide LCD Panel Unit Ass'y	—
8-1	RLCDTA030WJZZ	J	45" Wide LCD Panel Unit	HE
8-2	CANGKA306WJ01		Sheet Angel Ass'y (Bottom)	BB
8-2-1	*Not Available*	–	Sheet Angel (Bottom)	—
8-2-2	PSPAKA071WJZZ	J	Spacer	AQ
8-2-3	PSPAKA074WJZZ	J	Spacer	AQ
8-3	CANGKA306WJ02		Sheet Angel Ass'y (Top)	BB
8-3-1	*Not Available*	–	Sheet Angel (Top)	—
8-3-2	PSPAKA086WJZZ	J	Spacer	AR
8-3-3	PSPAKA087WJZZ	J	Spacer	AR
8-4	CANGKA308WJ01	J	Sheet Angle Ass'y (Side), x2	AU
8-4-1	*Not Available*	–	Sheet Angle (Side), x2	—
8-4-2	PSPAKA072WJZZ	J	Spacer, x2	AM
8-5	CANGKA335WJ01	J	Sheet Angle Ass'y (Top)	AX
8-5-1	*Not Available*	–	Sheet Angle (Top)	—
8-5-2	PSPAZA466WJKZ	J	Spacer, x4	AB
8-6	CANGKA337WJ01	J	Sheet Angle Side Ass'y, x2	AX
8-6-1	*Not Available*	–	Sheet Angle Side, x2	—
8-6-2	LHLDZA419WJKZ	J	Holder, x2	AF
8-6-3	LHLDZA420WJKZ	J	Holder, x2	AF
8-6-4	XEPS730P08000	J	Screw, x8	AA
8-7	CCHSMA131WJ03	J	Chassis Ass'y	CH
8-7-1	*Not Available*	–	Chassis	—
8-7-2	LANGHA005WJFW	J	Fixing Metal A	AV
8-7-3	LANGHA006WJFW	J	Fixing Metal B	AV
8-7-4	LANGHA007WJFW	J	Fixing Metal C	AW
8-7-5	LANGHA008WJFW	J	Fixing Metal D	AX
8-7-6	LANGHA009WJFW	J	Fixing Metal E	AZ
8-7-7	LANGKA316WJFW	J	Fixing Metal Top	BE
8-7-8	LANGKA317WJFW	J	Fixing Metal Bottom	BE
8-7-9	LANGKA318WJFW	J	Side Angle, x2	AY
8-7-10	LANGKA319WJFW	J	Fixing Metal_R	AY
8-7-11	LANGKA320WJFW	J	Fixing Metal_L	AY
8-7-12	LANGKA322WJFW	J	Fixing Metal, x2	AN
8-7-13	LANGKA323WJFW	J	Fixing Metal, x2	AN
8-7-14	LANGKA345WJFW	J	PWB Angle	AN
8-7-15	LANGKA349WJFW	J	Fixing Metal	AS
8-7-16	LHLDWA043WJKZ	J	Holder, x8	AB
8-7-17	LHLDWA048WJKZ	J	Holder, x2	AB
8-7-18	LHLDWA058WJKZ	J	Holder	AC
8-7-19	LHLDWA067WJKZ	J	Holder, x10	AC
8-7-20	LHLDWA069WJKZ	J	Holder, x5	AC
8-7-21	LHLDZA401WJKZ	J	Lamp Holder (Bottom), x2	AN
8-7-22	LHLDZA402WJKZ	J	Lamp Clip, x8	AD
8-7-23	LHLDZA436WJKZ	J	Holder	AH
8-7-24	LHLDZA507WJKZ	J	Holder, x6	AD
8-7-25	LX-BZA046WJFN	J	Screw, x25	AA
8-7-26	PMiR-A042WJZZ	J	Mirror	BM
8-7-27	PSPAGA187WJ00	J	Spacer, x8	AB
8-7-28	PSPAHA330WJZZ	J	Spacer, x2	AE
8-7-29	PSPAHA338WJZZ	J	Spacer, x9	AB
8-7-30	PSPAHA458WJZZ	J	Spacer	AB
8-7-31	PZETKA093WJKZ	J	Insulator	AL
8-7-32	PZETKA094WJKZ	J	Insulator, x2	AH
8-7-33	PZETKA095WJKZ	J	Insulator	AF
8-7-34	PZETKA103WJKZ	J	Insulator, x2	AH
8-7-35	TCAUZA031WJZZ	J	Caution Card	AB
8-7-36	*Not Available*	–	No Label	—
8-7-37	XBBS730P05000	J	Screw, x30	AA
8-7-38	XBPS730P08JS0	J	Screw, x4	AB
8-7-39	XBPS740P16000	J	Screw, x6	AA
8-7-40	XBSS730P06000	J	Screw, x3	AA
8-7-41	XEBS730P08000	J	Screw, x4	AA
8-8	KLMP-A029WJZZ	J	Lamp, x12	BC
8-9	LANGKA335WJFW	J	Sheet Angle (Top)	AX
8-10	LHLDZA400WJKZ	J	Lamp Holder Top, x2	AP
8-11	LX-BZA051WJF7	J	Screw, x4	AB
8-12	LX-BZA080WJF7	J	Screw, x8	AA
8-13	LX-BZA081WJF7	J	Screw, x6	AA
8-14	LX-BZA088WJFN	J	Screw, x14	AA
8-15	LX-EZA015WJF7	J	Screw, x6	AA
8-17	PCOVUA029WJZZ	J	Diffusion Panel	BL
8-18	PSHEPA173WJZZ	J	Reflection/Deflection Sheet	CE
8-19	PSHEPA174WJZZ	J	Prism Sheet	BW
8-20	PSHEPA175WJZZ	J	Diffusion Sheet	BB
8-21	PSPAGA233WJZZ	J	Shild Spacer, x2	AF
8-22	PSPAGA234WJZZ	J	Shild Spacer, x2	AF
8-23	PSPAGA235WJZZ	J	Shild Spacer, x4	AF
8-24	PSPAGA236WJZZ	J	Shild Spacer, x2	AG
9	CPNLSA031WJ03	J	Speaker Panel Ass'y	CE
9-1	*Not Available*	–	Speaker Panel	—

CABINET AND MECHANICAL PARTS
(Continued)

Ref. No.	Part No.	★	Description	Code
9-2	HDECQA440WJKB	J	Decoration Plate	AU
9-3	HPNC-A071WJSA	J	Punching Metal	CB
9-4	PSPAHA393WJZZ	J	Spacer, x2	AF
9-5	PSPAHA497WJZZ	J	Spacer, x10	AB
9-6	PSPAZA515WJZZ	J	Spacer	AN
9-7	XEBSN26P06000	J	Screw, x10	AA
9-8	PSPAGA255WJZZ	J	Spacer, x3	AB
10	CSLDMA544WJ01	J	LCD Shield Case Ass’y	AX
10-1	*Not Available*	–	LCD Shield Case	—
10-2	PSPAHA454WJZZ	J	Spacer, x2	AB
10-3	PSPAHA455WJZZ	J	Spacer, x4	AA
11	DUNTKC470VJ52	J	TMDS RX Unit	BZ
12	DUNTKC471UJ03	–	INVERTER 1 Unit	—
13	DUNTKC472UJ03	–	INVERTER 2 Unit	—
14	DUNTKC473UJ03	–	INVERTER 3 Unit	—
15	DUNTKC474UJ03	–	INVERTER 4 Unit	—
16	DUNTKC475UJ03	–	MOTOR CONTROL Unit	—
17	DUNTKC476UJ03	–	R/C LED Unit	—
18	DUNTKC477UJ03	–	KEY Unit	—
19	DUNTKC478UJ03	J	TOP LCD CONTROLLER Unit	CM
20	DUNTKC479UJ03	J	BOTTOM LCD CONTROLLER Unit	BT
21	DUNTKC504VJ03	–	LINE FILTER Unit	—
22	DUNTKC506UJ03	–	DC/DC Unit	—
23	DUNTKC507UJ03	–	CS CONTROL Unit	—
24	RDENCA086WJZZ	–	POWER SUPPLY Unit	—
25	*Not Available*	–	Speaker Unit	—
25-1	CHLDZA421WJ01	J	Bracket R Ass’y	AQ
25-1-1	*Not Available*	–	Bracket R	—
25-1-2	PSPAGA221WJZZ	J	Spacer	AE
25-2	CHLDZA422WJ01	J	Bracket L Ass’y	AR
25-2-1	*Not Available*	–	Bracket L	—
25-2-2	PSPAGA222WJZZ	J	Spacer	AE
25-3	LX-BZA075WJ01	J	Screw, x4	AE
25-4	RSP-ZA066WJN2	J	Speaker	BY
26	GCOVAA916WJKA	J	Terminal Cover Bottom	AZ
27	GCOVAA918WJKA	J	Bracket Cover L	AN
28	GCOVAA919WJKA	J	Bracket Cover R	AN
29	HiNDPB227WJSA	J	Model Indicator (LC-45GD1E/K/F/R)	AH
29	HiNDPB228WJSA	J	Model Indicator (LC-45GD1I)	AH
30	LANGKA331WJZZ	J	Bracket Angle R	AN
31	LANGKA332WJZZ	J	Bracket Angle L	AN
32	LANGKA333WJFW	J	Fixing Metal, x2	AG
33	LX-EZA015WJF8	J	Screw, x2	AA
34	LX-HZA025WJF7	J	Screw, x44	AB
35	LX-HZA027WJF7	J	Screw	AC
36	LX-HZA029WJF7	J	Screw, x4	AB
37	LX-HZA030WJF7	J	Screw, x3	AB
38	NFANR0126CEZZ	J	FAN, x2	AT
39	PRDARA166WJFW	J	Heat Sink	AN
40	PSLDMA546WJZZ	J	Shield, x6	AK
41	PSPAGA210WJZZ	J	Spacer, x4	AC
42	PSPAZA398WJKA	J	Spacer, x6	AK
43	PSPAZA551WJZZ	J	Spacer, x4	AD
44	QCNW-B441WJQZ	J	FFC(LCD CONT-TMDS RX)	AC
45	QCNW-C634WJQZ	J	Connecting Cord (KM)	AK
46	QCNW-C635WJQZ	J	Connecting Cord (MN1,MN3), x2	AN
47	QCNW-C636WJQZ	J	Connecting Cord (RM)	AM
48	QCNW-C637WJQZ	J	Connecting Cord (NP1-4)	AS
49	QCNW-C639WJQZ	J	Connecting Cord (AC)	AF
50	QCNW-C640WJQZ	J	Connecting Cord (TV)	AH
51	QCNW-C642WJQZ	J	Connecting Cord (MC)	AM
52	QCNW-C643WJQZ	J	Connecting Cord (SO)	AN
53	QCNW-C644WJQZ	J	Connecting Cord (LB/LT)	AX
54	QCNW-C645WJQZ	J	Connecting Cord (SP)	AS
55	QCNW-C646WJQZ	J	Connecting Cord (DC)	AM
56	QCNW-C901WJQZ	J	Connecting Cord, SP Wire (Short)	AH
57	QCNW-C902WJQZ	J	Connecting Cord, SP Wire (Long)	AK
58	QPWBHC639WJQZ	J	FPC (LCD CONT-TMDS RX), x2	AN
59	QPWBHC640WJQZ	J	FPC (LCD CONT TOP-BOT)	AX
60	QPWBMC494WJPZ	J	Panel FPC Top, x2	AM
61	QPWBMC534WJPZ	J	Panel FPC Bottom, x2	AP
62	RCORFA012WJZZ	J	Core, x2	AG
63	RCORFA039WJZZ	J	Core, x4 for FPC	AG
65	XBBS830P08000	J	Screw, x2	AA
66	XBBS840P10000	J	Screw, x2	AB
67	XBBS840P18000	J	Screw, x4 for SP Bracket	AB
68	XBBSN40P12JS0	J	Screw, x8 for Center Angle	AB
69	XBBSN50P12JS0	J	Screw, x4 for Stand	AF
70	XCSS940P25000	J	Screw, x5 (STAND)	AB
71	XEBS930P10000	J	Screw, x3	AA
72	XEBS940P14000	J	Screw, x4 for Bracket Cover	AB
73	XEBS940P20000	J	Screw, x13 for CAB-A/B	AB
74	XEBSN30P10000	J	Screw, x19	AA
75	GCOVAA923WJKA	J	Cover	AN
76	LANGQA014WJFW	J	Fixing Metal	AM
77	LX-BZ3434CEFN	J	Screw, x2	AB
78	NSFTZ0134CEFW	J	Shaft, x2	AD
79	XBPS730P08JS0	J	Screw, x4	AB
80	LANGQA013WJFW	J	Fixing Metal	AH
81	XBPS730P08JS0	J	Screw, x2	AB
82	XBSS830P08000	J	Screw, x2	AA
83	LHLDFA021WJZZ	J	Holder	AC
84	PSPAFA005WJFW	J	Spacer, x2	
85	LHLDW1033CE00	J	Holder, x2	AA
86	LHLDW1033CEKZ	J	Holder, x3	AA
87	LHLDWA045WJZZ	J	Holder	AD
88	LHLDWA083WJZZ	J	Holder	AD
89	LHLDWA090WJKZ	J	Holder	AC
90	LHLDWA091WJKZ	J	Holder	AC
91	PMLT-A155WJZZ	J	Absorber, x4	AH
92	PMLT-A172WJZZ	J	Absorber, x2	AM
93	PSLDMA481WJZZ	J	Shield, x2	AH
94	PSLDMA582WJZZ	J	Shield, x2	
95	PSLDMA664WJZZ	J	Shield, x2	
96	PSLDMA680WJZZ	J	Shield	
97	PSLDMA681WJZZ	J	Shield	
98	PSLDMA682WJZZ	J	Shield	
99	PSLDMA683WJZZ	J	Shield	
100	PSLDMA646WJZZ	J	Shield	AQ
101	PSPAHA390WJZZ	J	Spacer	AC
102	PSPAHA433WJZZ	J	Spacer	AC
103	PZETKA116WJKZ	J	Insulator	AD
104	RCORF0103CEZZ	J	Core	AK
105	RCORF0107CEZZ	J	Core	AM
106	RCORFA008WJZZ	J	Core	AH
107	XEBS930P10000	J	Screw	AA
108	PSLDMA685WJZZ	J	Shield	
109	PSLDMA684WJZZ	J	Shield	

CABINET AND MECHANICAL PARTS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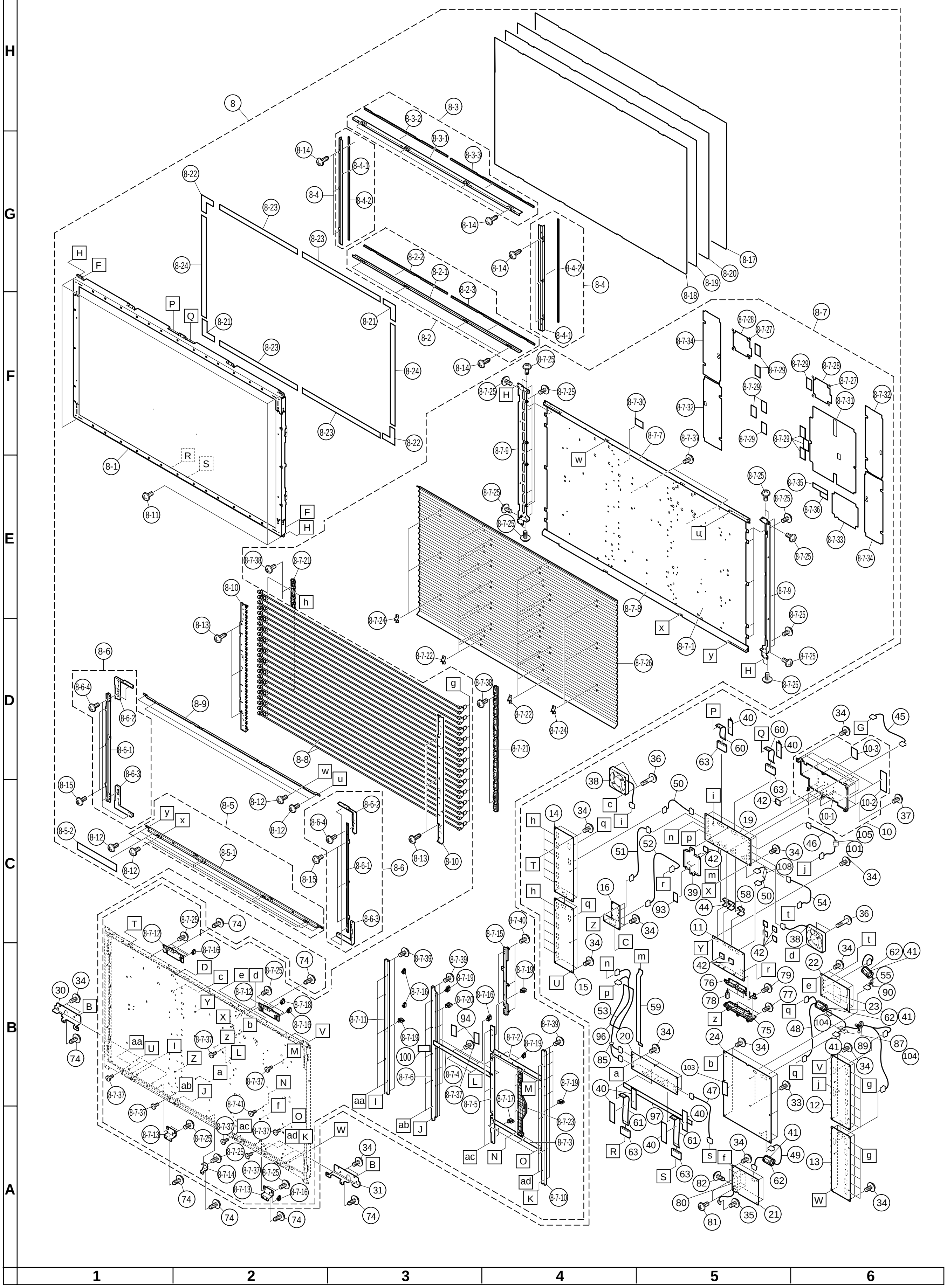
CABINET AND MECHANICAL PARTS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8-5-1
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8-7-12
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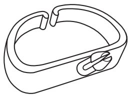
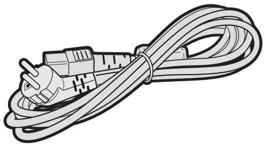
SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠ X1	QACCBA027WJPZ	J	AC Cord(LC-45GD1K)	AX
⚠ X1	QACCKA009WJPZ	J	AC Cord (LC-45GD1E/F/I/R)	AW
X2	LHLDW0110CESD	J	Cable Clamp	AE

X2 Cable clamp	X1 AC cord
	 Product shape varies in some countries.

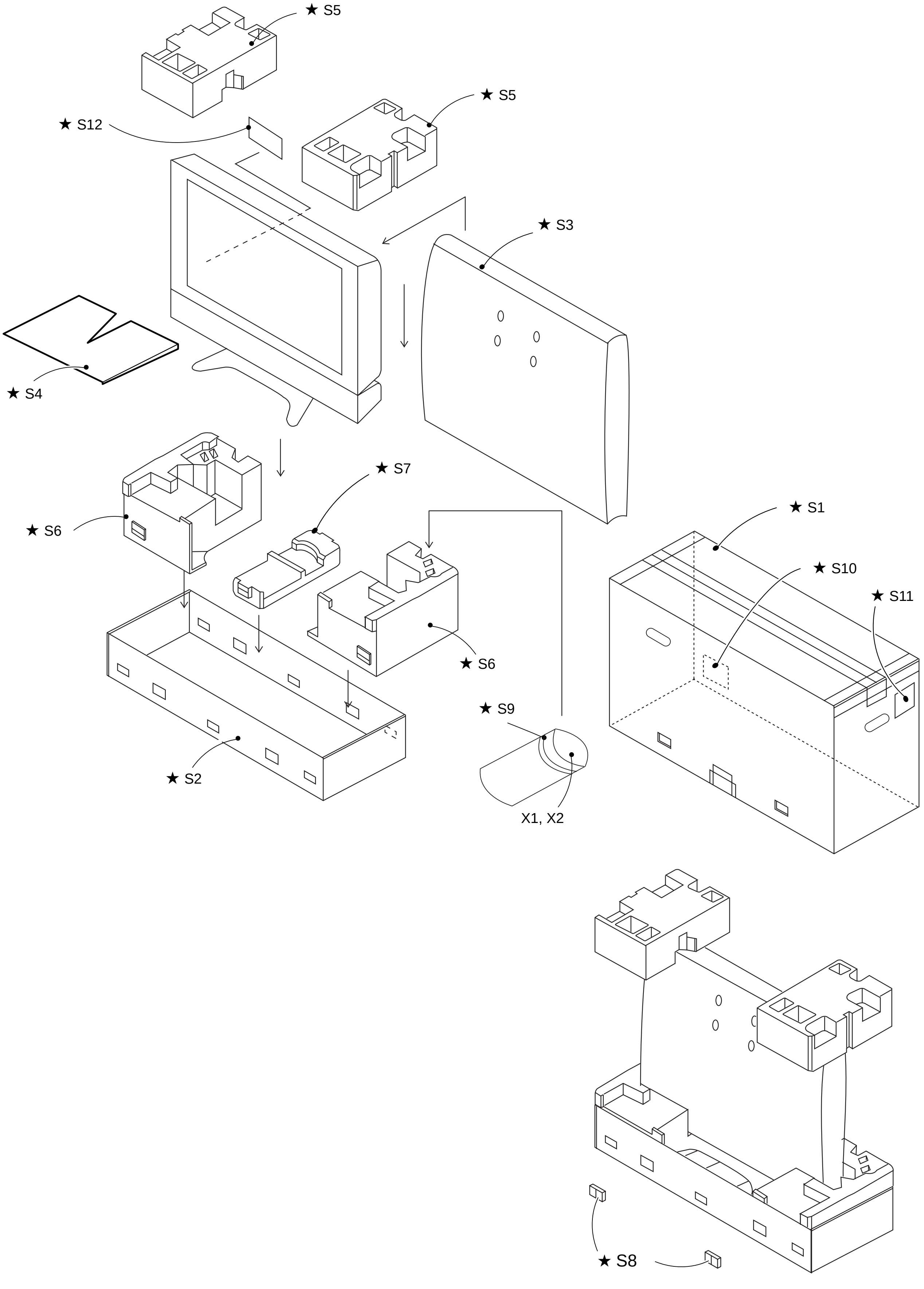
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
S1	SPAKCB771WJZZ	–	Packing Case	—
S2	SPAKCB673WJZZ	–	Packing Case	—
S3	SPAKPA423WJZZ	–	Wrapping Paper	—
S4	SPAKPA377WJZZ	–	Wrapping Paper	—
S5	SPAKXA508WJZZ	–	Packing Add.	—
S6	SPAKXA631WJZZ	–	Packing Add.	—
S7	SPAKXA709WJZZ	–	Packing Add.	—
S8	SPAKL0023CEZZ	–	Stopper	—
S9	SSAKA0170CEZZ	–	Polyethylene Bag	—
S10	TLABKA013WJZZ	–	Label	—
S11	TLABK0001TAZZ	–	Label, x2	—
S13	TLABSA050WJZZ	–	Label(LC-45GD1F)	—
S14	TLABSA053WJZZ	–	Label(LC-45GD1R)	—

SERVICE JIG
(USE FOR SERVICING)

Ref. No.	Part No.	★	Description	Code
	QCNW-C222WJQZ	J	80pins FFC L=1000mm, LCD Controller Unit to LCD Panel, x4 pcs.	AW

PACKING OF THE SET


★ S5
★ S5
★ S12
★ S3
★ S4
★ S7
★ S1
★ S6
★ S10
★ S11
★ S6
★ S9
★ S2
X1, X2
★ S8

★ Not Replacement Item

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Production : Japan

SY. DS

SHARP CORPORATION
AV Systems Group
Quality & Reliability Control Center
Yaita, Tochigi 329-2193, Japan

SCHEMATIC DIAGRAM

Model LC-45GD1E

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R/C LED Unit (Display) D124
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POWER Unit (Display) .... D127 ~ D128
DC/DC CONVERTER Unit (Display) .... D129 ~ D132
CS_POWER Unit (Display) .... D133 ~ D134
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INVERTER-3 Unit (Display) .... D139 ~ D140
INVERTER-4 Unit (Display) .... D141 ~ D142
MOTOR_CONT Unit (Display) D143

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the colour bar signal of colour bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 kΩ/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the colour density, lightness and colour hue are set to the center position, and the signal of colour bar generator for service is observed to get waveform.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
   (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
   (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ : Cement
   Ⓢ: Oxide Film Ⓣ : Special
   Ⓝ: Metal Coating

CAPACITOR

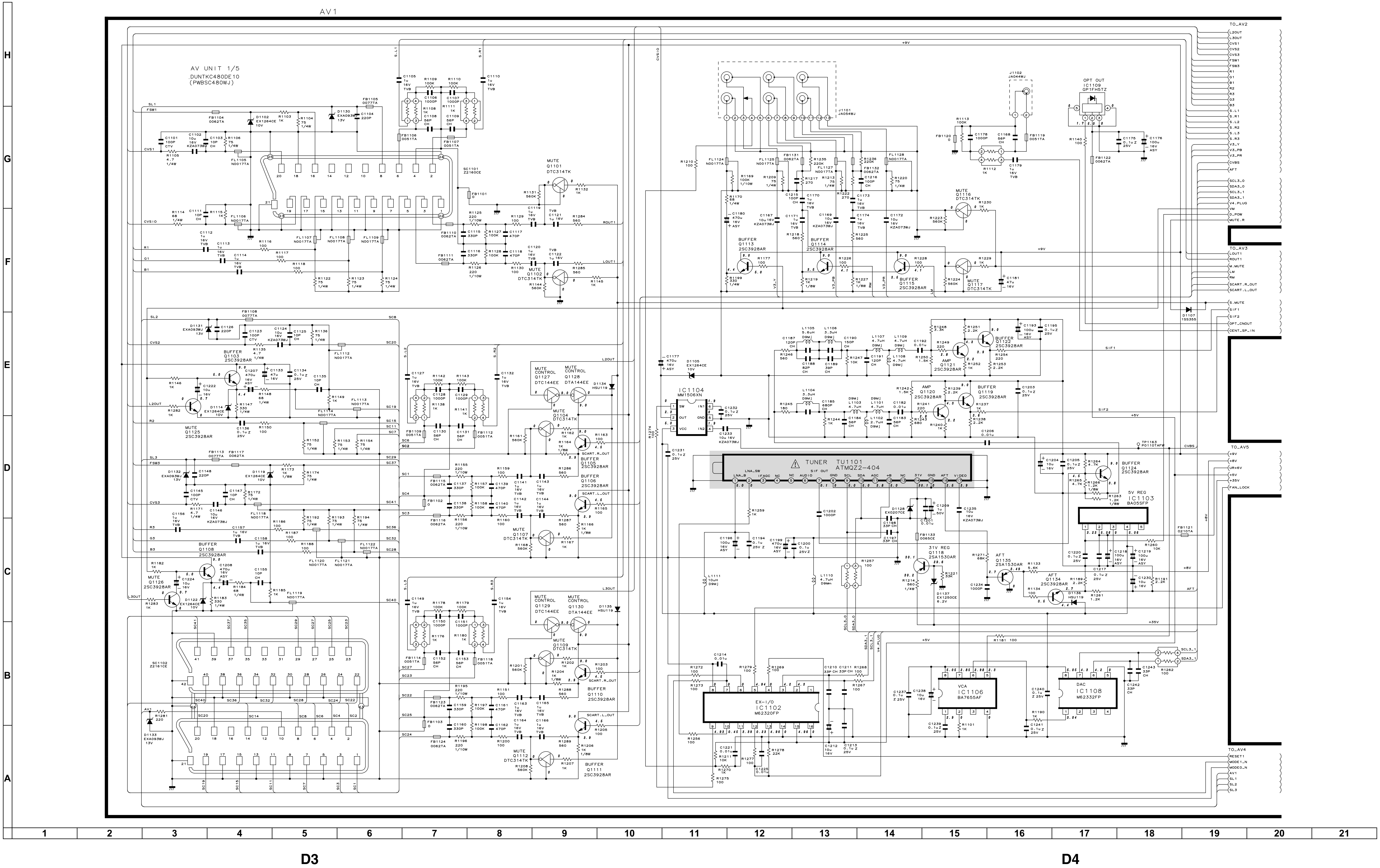
1. All capacitors are mF, unless otherwise noted.
   (P=pF=mmF).
2. All capacitors are Ceramic type, unless otherwise noted.
   (ML) : Mylar (TA) : Tantalum
   (PF) : Polypro Film (ST) : Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

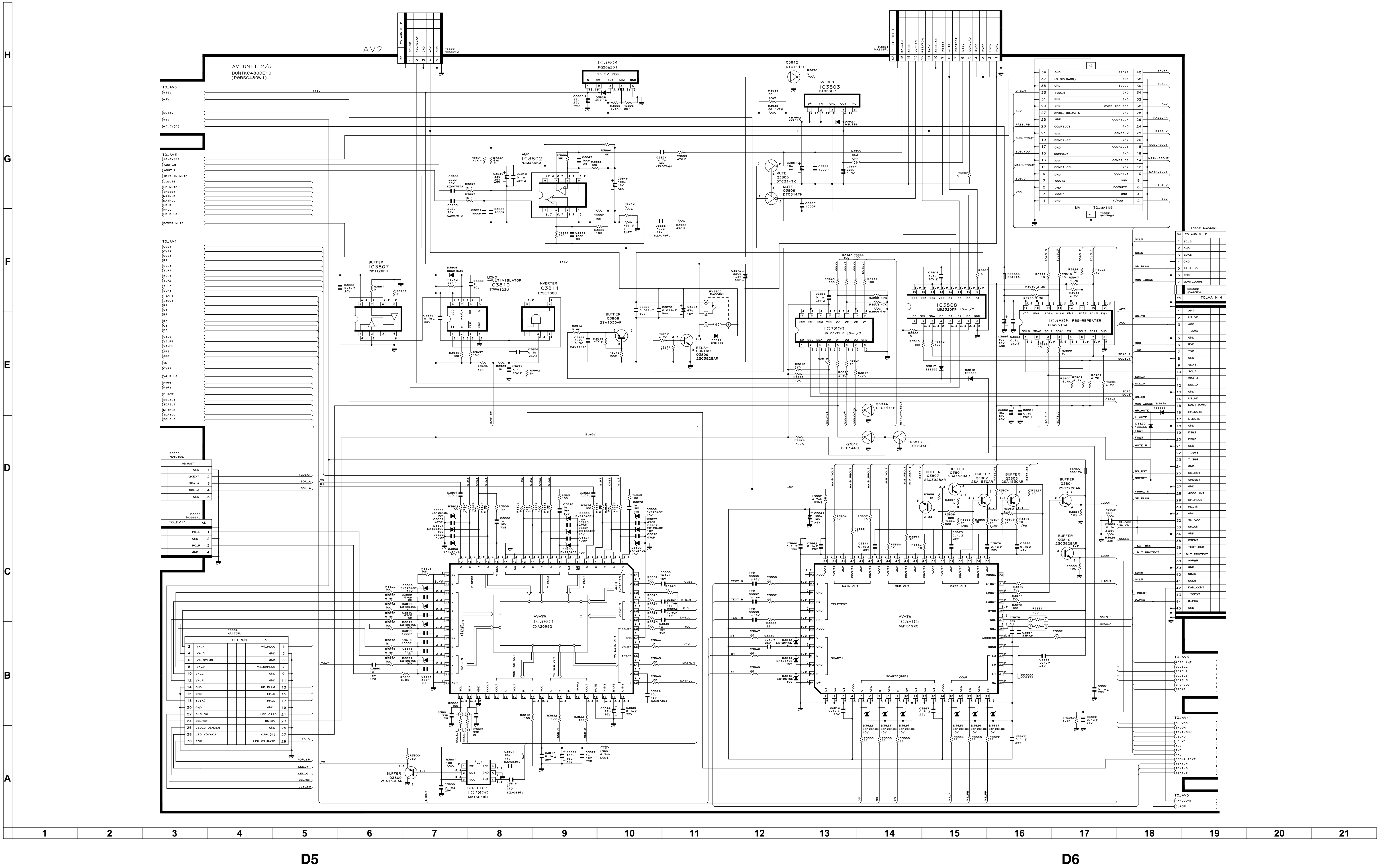
IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" (▨)ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

■AV Unit-1/5 (AVC)


AV1
AV UNIT 1/5
DUNTKC480DE10
(PWBSC480WJ)
SC1101 Z2160CE
SC1102 Z2161CE
MUTE Q1101 DTC314TK
MUTE Q1102 DTC314TK
BUFFER Q1103 2SC3928AR
MUTE Q1104 DTC314TK
BUFFER Q1105 2SC3928AR
BUFFER Q1106 2SC3928AR
MUTE Q1107 DTC314TK
BUFFER Q1108 2SC3928AR
MUTE Q1109 DTC314TK
BUFFER Q1110 2SC3928AR
BUFFER Q1111 2SC3928AR
MUTE Q1112 DTC314TK
BUFFER Q1113 2SC3928AR
BUFFER Q1114 2SC3928AR
BUFFER Q1115 2SC3928AR
MUTE Q1116 DTC314TK
MUTE Q1117 DTC314TK
AMP Q1120 2SC3928AR
AMP Q1121 2SC3928AR
BUFFER Q1119 2SC3928AR
BUFFER Q1122 2SC3928AR
BUFFER Q1124 2SC3928AR
MUTE Q1125 2SC3928AR
MUTE Q1126 2SC3928AR
MUTE CONTROL Q1127 DTC144EE
MUTE CONTROL Q1128 DTA144EE
MUTE CONTROL Q1129 DTC144EE
MUTE CONTROL Q1130 DTA144EE
31V REG Q1118 2SA1530AR
AFT Q1135 2SA1530AR
AFT Q1134 2SC3928AR
J1101 JA054WJ
J1102 JA044WJ
OPT OUT IC1109 GP1FH5TZ
IC1104 MM1506XN
TUNER TU1101 ATMQZ2-404
LNA_SW LNA_B IFAGC NC NC AUDIO SIF OUT GND SCL SDA AGC +B NC 31V GND AFT VIDEO
5V REG IC1103 BA05SFP
EX-I/O IC1102 M62320FP
VCA IC1106 BA7655AF
DAC IC1108 M62332FP
TO_AV2
L2OUT L3OUT CVS1 CVS2 CVS3 FSW1 FSW3 R1 G1 B1 R2 R3 G3 B3 S_L1 S_R1 S_L2 S_R2 S_L3 S_R3 V3_Y V3_PB V3_PR CVBS AFT SCL3_0 SDA3_0 SCL3_1 SDA3_1 V4_PLUG VM D_POW MUTE_R
TO_AV3
LOUT1 ROUT1 M_MUTE LM RM SCART_R_OUT SCART_L_OUT S_MUTE SIF1 SIF2 OPT_CNOUT CENT_SP_IN
TO_AV5
+9V +8V UR+6V +5V +35V FAN_LOCK
TO_AV4
RESET1 MODE1_N MODE0_N AV1 SL1 SL2 SL3
SIF1 SIF2 +9V +5V +8V +35V CVBS AFT
TP1163 P0110TAFW
D1107 1SS355
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
D3
D4

■AV Unit-2/5 (AVC)


AV UNIT 2/5
DUNTKC480DE10
(PWBSC480WJ)
AV2
TO_AUDIO IF
P3800 N0567FJ
TO 1BIT
P3801 NA238WJ
IC3804 PQ20WZ51 13.5V REG
Q3812 DTC114EE
5V REG IC3803 BA05SFP
AMP IC3802 NJM4565M
MUTE Q3805 DTC314TK
MUTE Q3806 DTC314TK
TO_MAIN5
P3802 NA239WJ
TO_AUDIO IF
P3807 NA046WJ
SC3802 N0493FJ
TO_MAIN14
BUFFER IC3807 7WH126FU
MONO-MULTIVIBLATOR IC3810 TC7WH123U
INVERTER IC3811 TC7SET08U
BUFFER Q3808 2SA1530AR
RY3800 DA004WJ
RELAY CONTROL Q3809 2SC3928AR
IC3809 M62320FP EX-I/O
IC3808 M62320FP EX-I/O
IC3806 RBS-REPEATER PCA9516A
Q3814 DTC144EE
Q3815 DTC144EE
Q3813 DTC144EE
P3806 N0578GE ADJUST
P3805 N0566FJ TO_DVI1
AV-SW IC3801 CXA2069Q
AV-SW IC3805 MM1519XQ
BUFFER Q3807 2SC3928AR
BUFFER Q3801 2SA1530AR
BUFFER Q3802 2SA1530AR
BUFFER Q3803 2SA1530AR
BUFFER Q3804 2SC3928AR
BUFFER Q3810 2SC3928AR
P3804 NA170WJ TO_FRONT
BUFFER Q3800 2SA1530AR
SERECTOR IC3800 MM1501XN
TO_AV3
TO_AV4
TO_AV5
TO_AV1
1
2
3
4
5
6
7
8
9
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11
12
13
14
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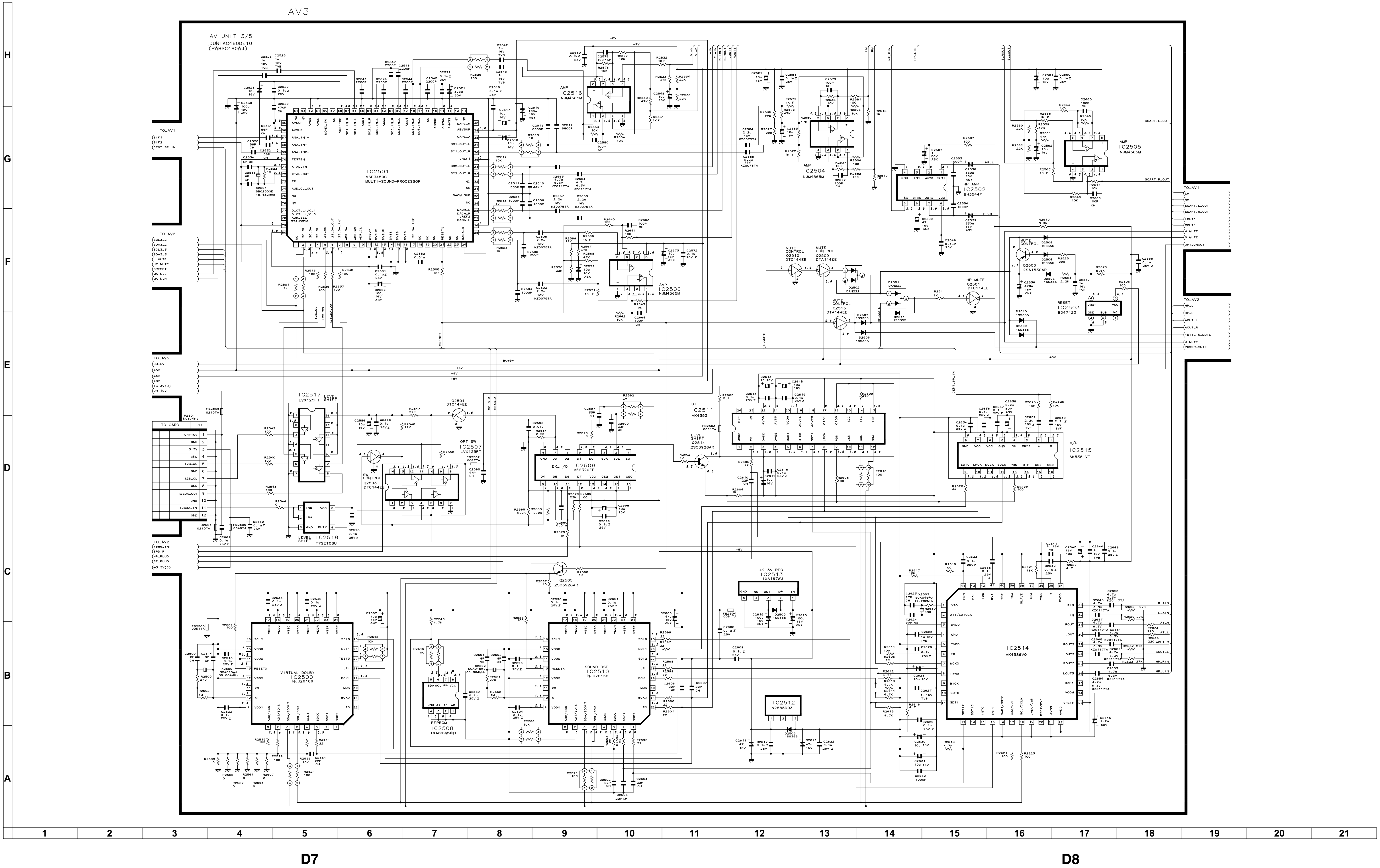
21
A
B
C
D
E
F
G
H
D5
D6

■AV Unit-3/5 (AVC)


AV3
AV UNIT 3/5
DUNTKC480DE10
(PWBSC480WJ)
IC2501
MSP3450G
MULTI-SOUND-PROCESSOR
X2501
SB0250GE
18.432MHz
AMP
IC2516
NJM4565M
AMP
IC2504
NJM4565M
AMP
IC2505
NJM4565M
HP AMP
IC2502
BH3544F
AMP
IC2506
NJM4565M
MUTE CONTROL
Q2510
DTC144EE
MUTE CONTROL
Q2509
DTA144EE
MUTE CONTROL
Q2513
DTA144EE
MUTE CONTROL
Q2506
2SA1530AR
HP MUTE
Q2501
DTC114EE
RESET
IC2503
BD4742G
TO_AV1
SIF1
SIF2
CENT_SP_IN
TO_AV2
SCL3_2
SDA3_2
SCL3_3
SDA3_3
L_MUTE
HP_MUTE
SRESET
MAIN_L
MAIN_R
TO_AV5
BU+5V
+5V
+9V
+8V
+3.3V(D)
UR+10V
TO_AV2
4586_INT
SPDIF
HP_PLUG
SP_PLUG
+3.3V(C)
TO_CARD
PC
UR+10V
GND
3.3V
GND
I2S_WS
GND
I2S_CL
GND
I2SDA_OUT
GND
I2SDA_IN
GND
IC2517
LVX125FT
LEVEL SHIFT
IC2518
T7SET08U
LEVEL SHIFT
Q2504
DTC144EE
OPT SW
IC2507
LVX125FT
SW CONTROL
Q2503
DTC144EE
EX_I/O
IC2509
M62320FP
DIT
IC2511
AK4353
LEVEL SHIFT
Q2514
2SC3928AR
A/D
IC2515
AK5381VT
TO_AV1
LM
RM
SCART_L_OUT
SCART_R_OUT
LOUT1
ROUT1
M_MUTE
S_MUTE
OPT_CNOUT
TO_AV2
HP_L
HP_R
AOUT_L
AOUT_R
1BIT_IN_MUTE
M_MUTE
POWER_MUTE
Q2505
2SC3928AR
+2.5V REG
IC2513
IXA167WJ
VIRTUAL DOLBY
IC2500
NJU26106
X2500
SCA0159U
36.864MHz
EEPROM
IC2508
IXA899WJN1
X2502
SCA0159U
36.864MHz
SOUND DSP
IC2510
NJU26150
IC2512
N2885003
IC2514
AK4586VQ
X2503
SCA0459U
12.288MHz
R_AIN
L_AIN
AT_R
AT_L
AOUT_R
AOUT_L
HP_RIN
HP_LIN
H
G
F
E
D
C
B
A
1
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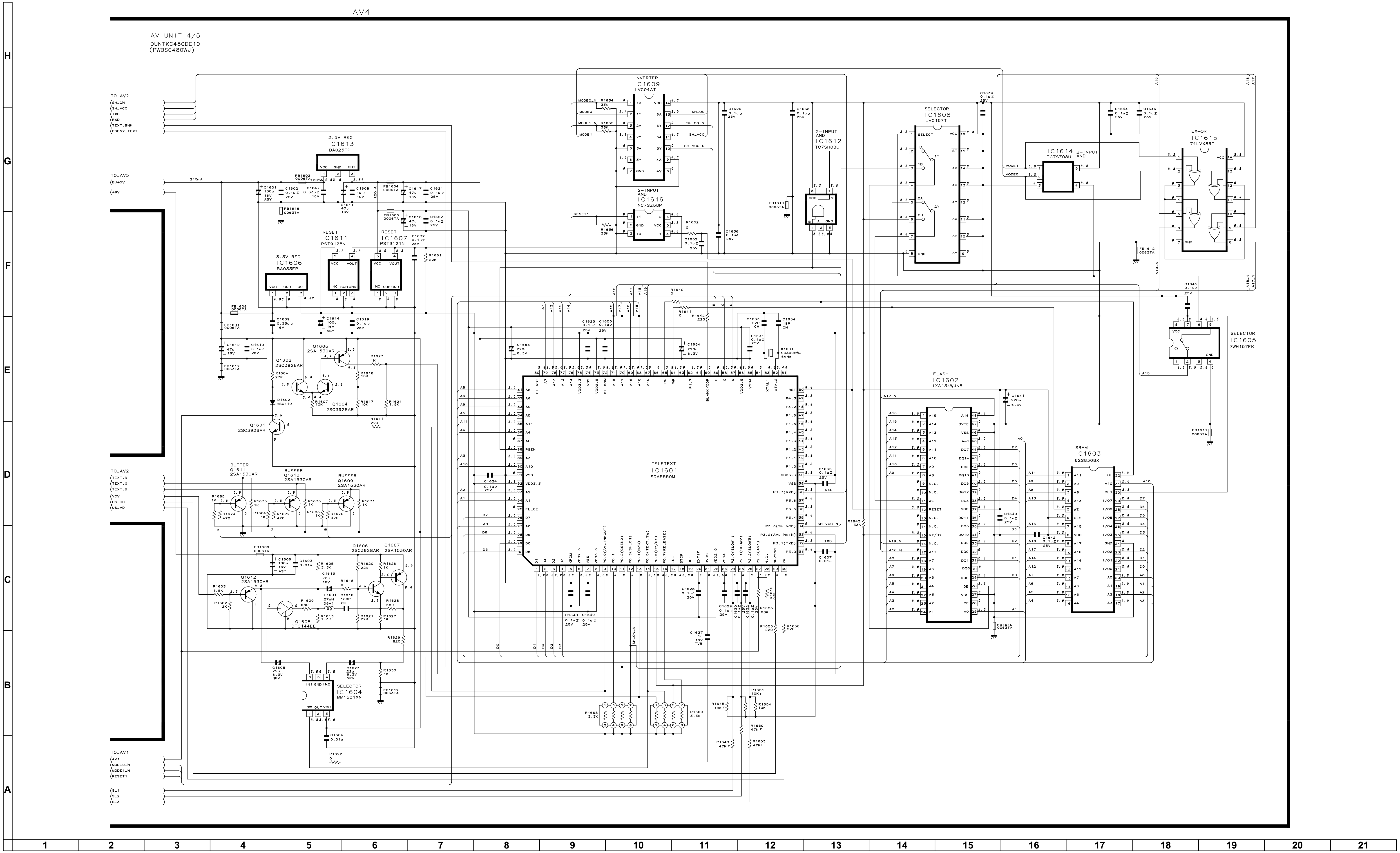
D7
D8

■AV Unit-4/5 (AVC)

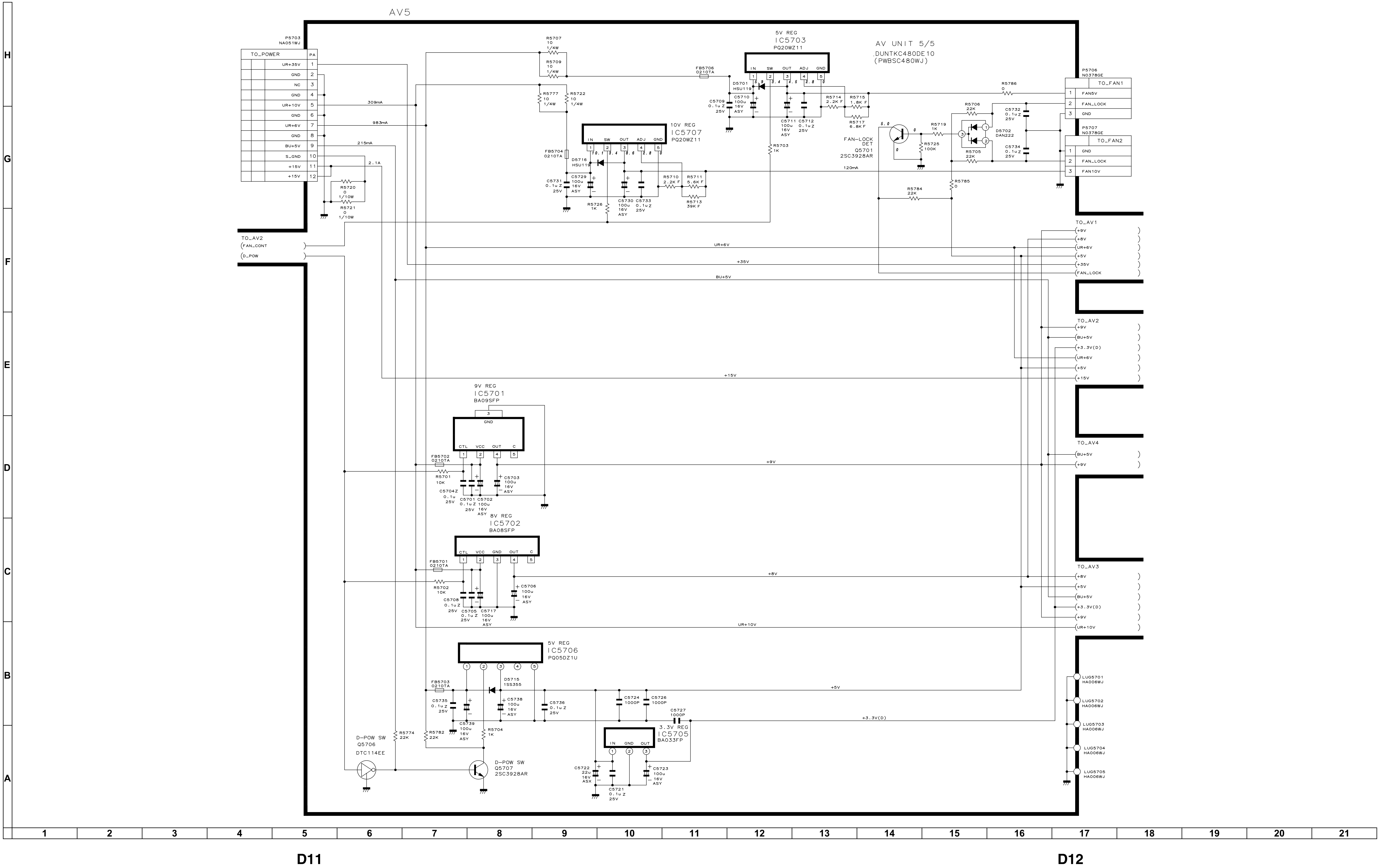


AV4
AV UNIT 4/5
DUNTKC480DE10
(PWBSC480WJ)
TO_AV2
SH_ON
SH_VCC
TXD
RXD
TEXT.BNK
CSEN2_TEXT
TO_AV5
BU+5V
+9V
2.5V REG
IC1613
BA025FP
3.3V REG
IC1606
BA033FP
RESET
IC1611
PST9128N
RESET
IC1607
PST9121N
INVERTER
IC1609
LVC04AT
2-INPUT AND
IC1616
NC7SZ58P
2-INPUT AND
IC1612
TC7SH08U
SELECTOR
IC1608
LVC157T
IC1614
TC7SZ08U
2-INPUT AND
EX-OR
IC1615
74LVX86T
SELECTOR
IC1605
7WH157FK
FLASH
IC1602
IXA134WJN5
SRAM
IC1603
62S8308X
TELETEXT
IC1601
SDA5550M
X1601
SCA002WJ
6MHz
Q1601
2SC3928AR
Q1602
2SC3928AR
Q1604
2SC3928AR
Q1605
2SA1530AR
D1602
HSU119
TO_AV2
TEXT.R
TEXT.G
TEXT.B
YCV
US_HD
US_VD
BUFFER
Q1611
2SA1530AR
BUFFER
Q1610
2SA1530AR
BUFFER
Q1609
2SA1530AR
Q1612
2SA1530AR
Q1606
2SC3928AR
Q1607
2SA1530AR
Q1608
DTC144EE
L1601
27uH
SELECTOR
IC1604
MM1501XN
R1668
3.3K
R1669
3.3K
TO_AV1
AV1
MODE0_N
MODE1_N
RESET1
SL1
SL2
SL3

D9

D10

■AV Unit-5/5 (AVC)


AV5
AV UNIT 5/5
DUNTKC480DE10
(PWBSC480WJ)
P5703
NA051WJ
TO_POWER
UR+35V
GND
NC
UR+10V
UR+6V
BU+5V
S_GND
+15V
309mA
983mA
215mA
2.1A
R5707 10 1/4W
R5709 10 1/4W
R5777 10 1/4W
R5722 10 1/4W
R5720 0 1/10W
R5721 0 1/10W
FB5706 0210TA
FB5704 0210TA
5V REG
IC5703
PQ20WZ11
IN SW OUT ADJ GND
D5701 HSU119
C5709 0.1u Z 25V
C5710 100u 16V ASY
C5711 100u 16V ASY
C5712 0.1u Z 25V
R5703 1K
R5714 2.2K F
R5715 1.8K F
R5717 6.8K F
10V REG
IC5707
PQ20WZ11
D5716 HSU119
C5731 0.1u Z 25V
C5729 100u 16V ASY
C5730 100u 16V ASY
C5733 0.1u Z 25V
R5726 1K
R5710 2.2K F
R5711 5.6K F
R5713 39K F
R5786 0
P5706 N0378GE
TO_FAN1
FAN5V
FAN_LOCK
GND
P5707 N0378GE
TO_FAN2
FAN10V
120mA
R5706 22K
R5705 22K
C5732 0.1u Z 25V
C5734 0.1u Z 25V
D5702 DAN222
R5719 1K
R5725 100K
FAN-LOCK DET
Q5701
2SC3928AR
R5784 22K
R5785 0
TO_AV2
FAN_CONT
D_POW
UR+6V
+35V
BU+5V
+15V
TO_AV1
+9V
+8V
+5V
FAN_LOCK
+3.3V(D)
TO_AV4
TO_AV3
UR+10V
9V REG
IC5701
BA09SFP
CTL VCC OUT C
FB5702 0210TA
R5701 10K
C5704Z 0.1u 25V
C5701 0.1u Z 25V
C5702 100u 16V ASY
C5703 100u 16V ASY
8V REG
IC5702
BA08SFP
FB5701 0210TA
R5702 10K
C5708 0.1u Z 25V
C5705 0.1u Z 25V
C5717 100u 16V ASY
C5706 100u 16V ASY
5V REG
IC5706
PQ05DZ1U
FB5703 0210TA
D5715 1SS355
C5735 0.1u Z 25V
C5739 100u 16V ASY
C5738 100u 16V ASY
C5736 0.1u Z 25V
C5724 1000P
C5726 1000P
C5727 1000P
3.3V REG
IC5705
BA033FP
C5722 22u 16V ASX
C5721 0.1u Z 25V
C5723 100u 16V ASY
R5774 22K
R5782 22K
R5704 1K
D-POW SW
Q5706
DTC114EE
D-POW SW
Q5707
2SC3928AR
LUG5701 HA006WJ
LUG5702 HA006WJ
LUG5703 HA006WJ
LUG5704 HA006WJ
LUG5705 HA006WJ
H
G
F
E
D
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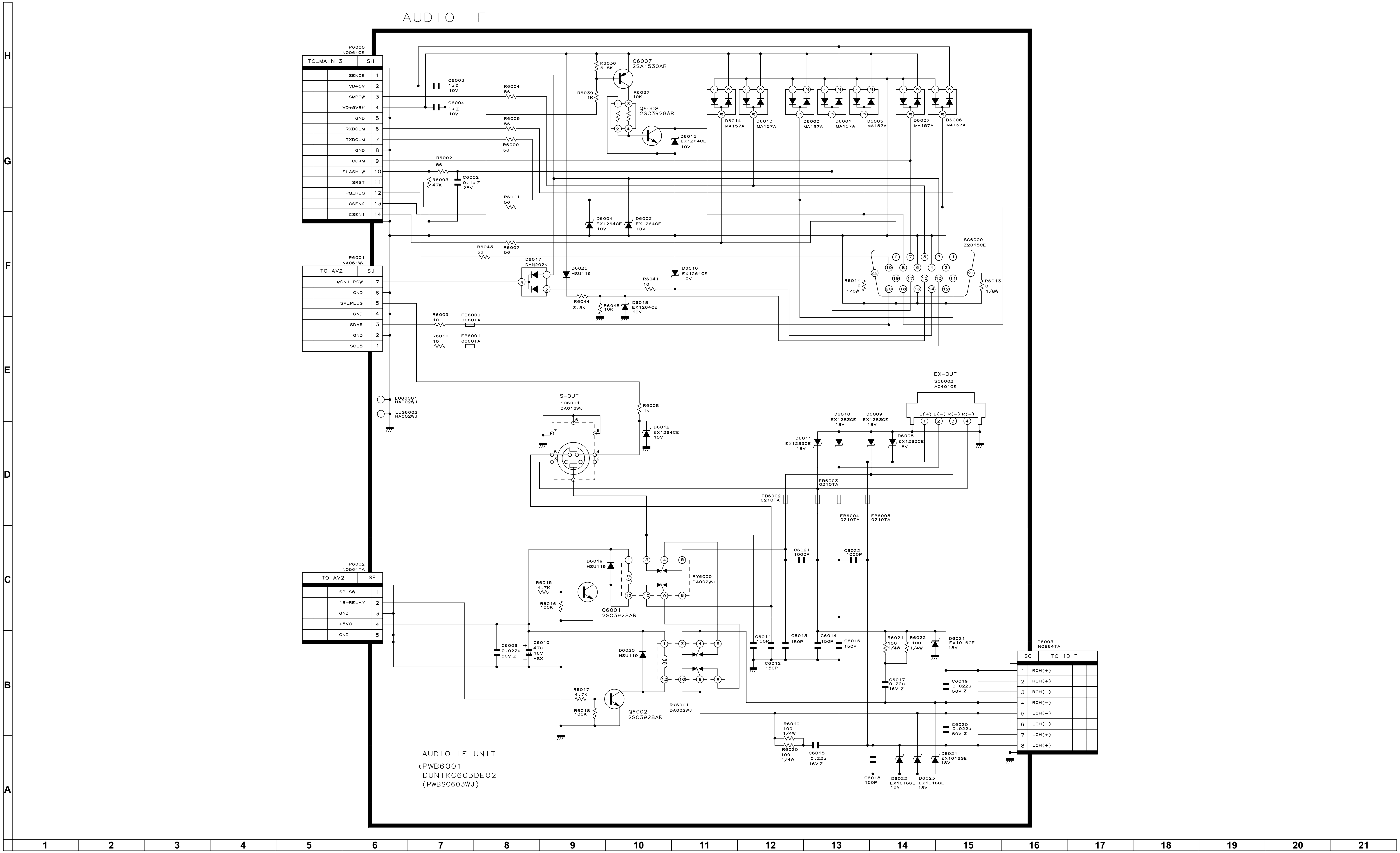
D11
D12

■AUDIO IF Unit (AVC)


AUDIO IF
P6000
N0064CE
TO_MAIN13
SH
SENCE 1
VD+5V 2
SMPOW 3
VD+5VBK 4
GND 5
RXDO_M 6
TXDO_M 7
GND 8
CCKM 9
FLASH_W 10
SRST 11
PM_REQ 12
CSEN2 13
CSEN1 14
C6003 1u Z 10V
C6004 1u Z 10V
R6004 56
R6005 56
R6000 56
R6002 56
R6003 47K
C6002 0.1u Z 25V
R6001 56
R6043 56
R6007 56
R6036 6.8K
R6039 1K
Q6007 2SA1530AR
R6037 10K
Q6008 2SC3928AR
D6015 EX1264CE 10V
D6004 EX1264CE 10V
D6003 EX1264CE 10V
D6014 MA157A
D6013 MA157A
D6000 MA157A
D6001 MA157A
D6005 MA157A
D6007 MA157A
D6006 MA157A
SC6000 Z2015CE
R6014 0 1/8W
R6013 0 1/8W
P6001
NA061WJ
TO AV2
SJ
MONI_POW 7
GND 6
SP_PLUG 5
GND 4
SDA5 3
GND 2
SCL5 1
D6017 DAN202K
D6025 HSU119
D6016 EX1264CE 10V
R6041 10
R6044 3.3K
R6045 10K
D6018 EX1264CE 10V
R6009 10
FB6000 0060TA
R6010 10
FB6001 0060TA
LUG6001 HA002WJ
LUG6002 HA002WJ
S-OUT
SC6001 DA016WJ
R6008 1K
D6012 EX1264CE 10V
EX-OUT
SC6002 A0401GE
L(+) L(−) R(−) R(+)
D6010 EX1283CE 18V
D6009 EX1283CE 18V
D6011 EX1283CE 18V
D6008 EX1283CE 18V
FB6002 0210TA
FB6003 0210TA
FB6004 0210TA
FB6005 0210TA
C6021 1000P
C6022 1000P
P6002
N0564TA
TO AV2
SF
SP-SW 1
1B-RELAY 2
GND 3
+5VC 4
GND 5
D6019 HSU119
R6015 4.7K
R6016 100K
Q6001 2SC3928AR
RY6000 DA002WJ
C6009 0.022u 50V Z
C6010 47u 16V ASX
D6020 HSU119
R6017 4.7K
R6018 100K
Q6002 2SC3928AR
RY6001 DA002WJ
C6011 150P
C6012 150P
C6013 150P
C6014 150P
C6016 150P
R6021 100 1/4W
R6022 100 1/4W
D6021 EX1016GE 18V
C6017 0.22u 16V Z
C6019 0.022u 50V Z
C6020 0.022u 50V Z
R6019 100 1/4W
R6020 100 1/4W
C6015 0.22u 16V Z
C6018 150P
D6022 EX1016GE 18V
D6023 EX1016GE 18V
D6024 EX1016GE 18V
P6003
N0864TA
SC
TO 1BIT
1 RCH(+)
2 RCH(+)
3 RCH(−)
4 RCH(−)
5 LCH(−)
6 LCH(−)
7 LCH(+)
8 LCH(+)
AUDIO IF UNIT
*PWB6001
DUNTKC603DE02
(PWBSC603WJ)
H
G
F
E
D
C
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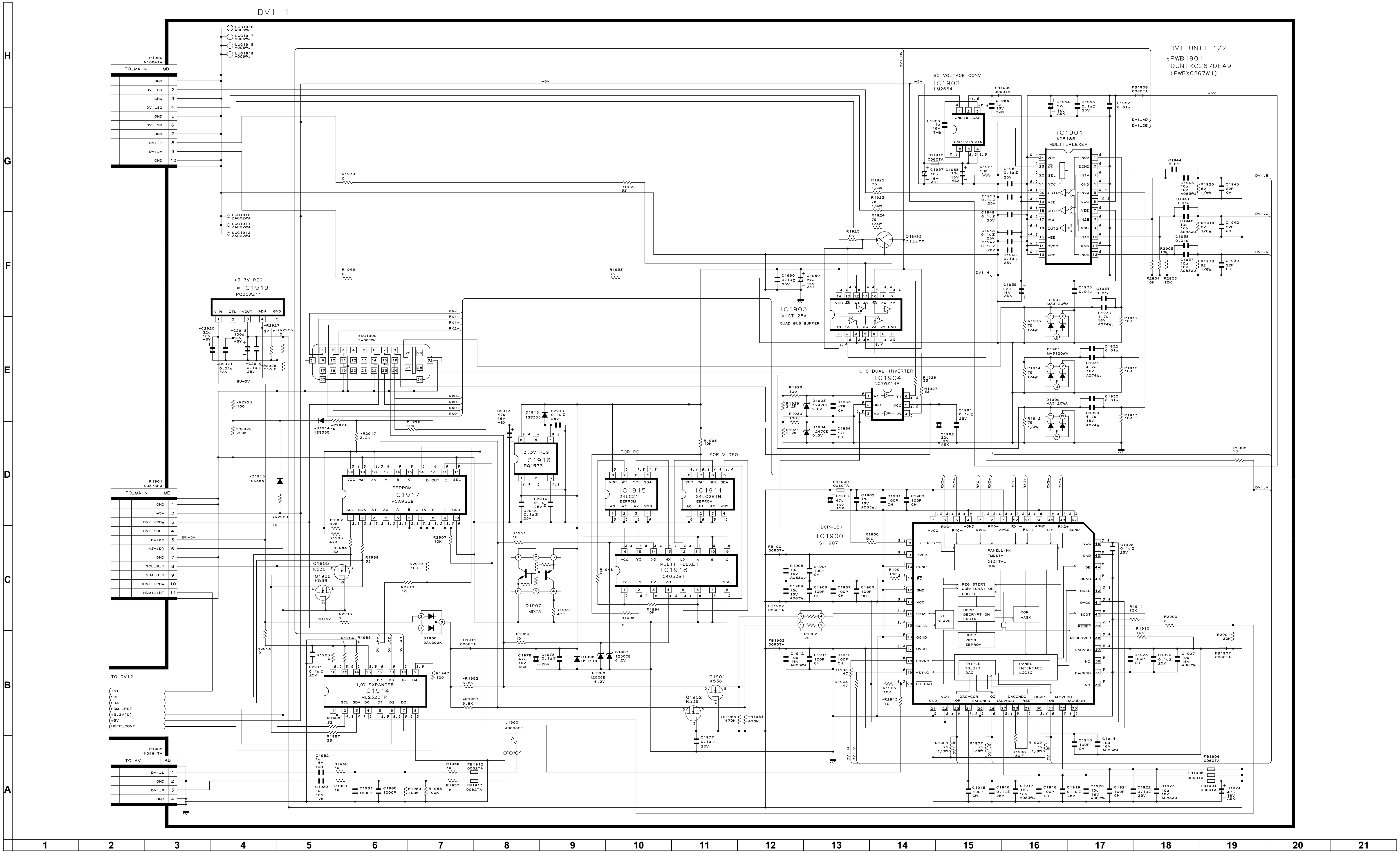
■DVI Unit-1/2 (AVC)



DVI 1
DVI UNIT 1/2
*PWB1901
DUNTKC267DE49
(PWBXC267WJ)
P1900
N1064TA
TO_MAIN
MD
GND
DVI_SR
DVI_SG
DVI_SB
DVI_H
DVI_V
P1901
N0573FJ
TO_MAIN
ME
+5V
DVI_HPOW
DVI_SCDT
BU+5V
+3V(D)
SCL_B_1
SDA_B_1
HDMI_HPOW
HDMI_INT
TO_DVI2
INT
SCL
SDA
HDMI_RST
+3.3V(D)
+5V
HOTP_CONT
P1902
N0464TA
TO_AV
AD
DVI_L
DVI_R
LUG1916
LUG1917
LUG1918
LUG1919
LUG1910
LUG1911
LUG1912
+3.3V REG
*IC1919
PQ20WZ11
VIN
CTL
VOUT
ADJ
*SC1900
ZA061WJ
SC VOLTAGE CONV
IC1902
LM2664
IC1901
AD8185
MULTI_PLEXER
IC1903
VHCT125A
QUAD BUS BUFFER
UHS DUAL INVERTER
IC1904
NC7WZ14P
Q1900
C144EE
D1900
D1901
D1902
MA3120WA
3.3V REG
IC1916
PQ1R33
EEPROM
IC1917
PCA9559
FOR PC
IC1915
24LC21
FOR VIDEO
IC1911
24LC21BIN
MULTI PLEXER
IC1918
TC4053BT
Q1907
IMD2A
Q1905
Q1906
K536
I/O EXPANDER
IC1914
M62320FP
D1906
DAN202K
D1905
HSU119
D1907
D1908
1250CE
6.2V
Q1901
Q1902
K536
J1900
J0066CE
HDCP-LSI
IC1900
SII907
PANELLINK
TMDSTM
DIGITAL
CORE
REGISTERS
CONFIGURATION
LOGIC
HDCP
DECRYPTION
ENGINE
XOR
MASK
I2C
SLAVE
HDCP
KEYS
EEPROM
TRIPLE
10_BIT
DAC
PANEL
INTERFACE
LOGIC
EXT_RES
PVCC
PGND
PD
SDAS
SCLS
HSYNC
VSYNC
PD_DAC
DE
OGND
ODEC
OVCC
SCDT
RESET
RESERVED
DACVCC
DACGND
RX2-
RX2+
RX1-
RX1+
RX0-
RX0+
RXC-
RXC+
DVI_AD
DVI_OE
DVI_HV
DVI.B
DVI.G
DVI.R
DVI.H
DVI.V
H
G
F
E
D
C
B
A
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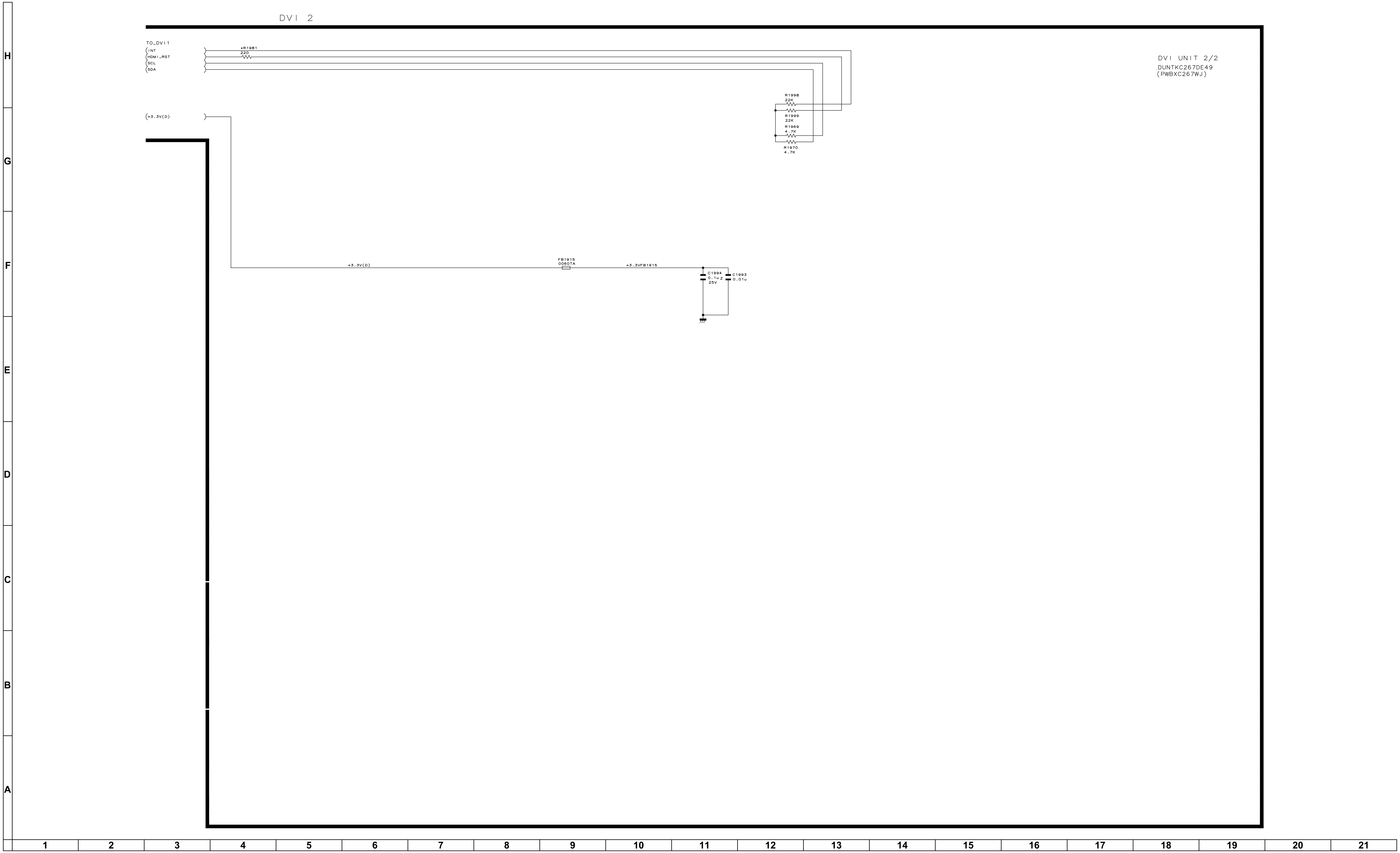
■DVI Unit-2/2 (AVC)


DVI 2
TO_DVI1
INT
HDMI_RST
SCL
SDA
*R1981
220
+3.3V(D)
R1998
22K
R1999
22K
R1969
4.7K
R1970
4.7K
DVI UNIT 2/2
.DUNTKC267DE49
(PWBXC267WJ)
+3.3V(D)
FB1915
0060TA
+3.3VFB1915
C1994
0.1u Z
25V
C1993
0.01u
H
G
F
E
D
C
B
A
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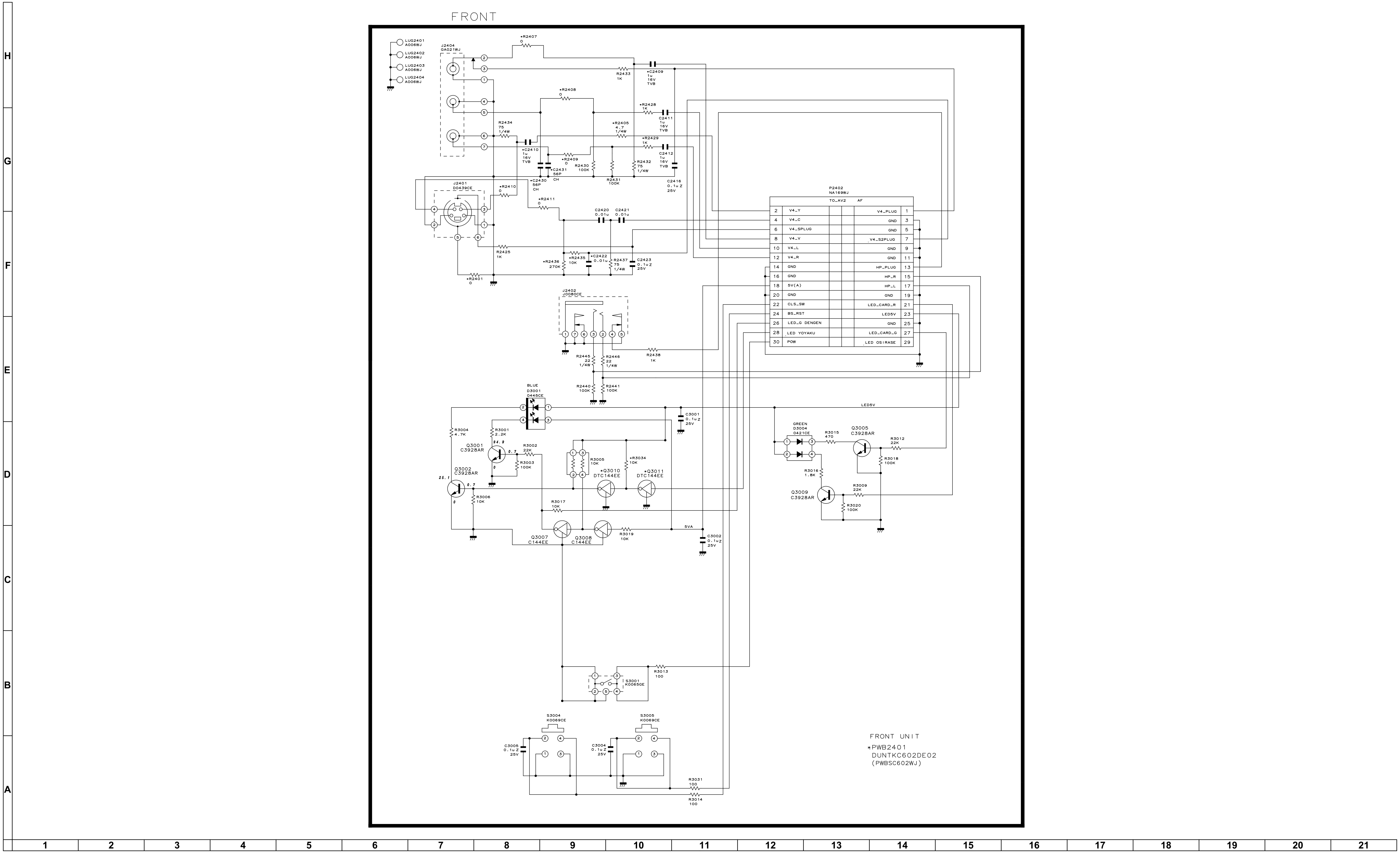
D17

D18

■FRONT Unit (AVC)


FRONT
LUG2401 A006WJ
LUG2402 A006WJ
LUG2403 A006WJ
LUG2404 A006WJ
J2404 GA021WJ
*R2407 0
R2433 1K
*C2409 1u 16V TVB
*R2408 0
*R2428 1K
C2411 1u 16V TVB
R2434 75 1/4W
*R2405 4.7 1/4W
*R2429 1K
*C2410 1u 16V TVB
*R2409 0
C2412 1u 16V TVB
R2430 100K
R2432 75 1/4W
*C2431 56P CH
*C2430 56P CH
R2431 100K
C2416 0.1u Z 25V
J2401 D0439CE
*R2410 0
*R2411 0
C2420 0.01u
C2421 0.01u
R2425 1K
*R2436 270K
*R2435 10K
*C2422 0.01u
R2437 75 1/4W
C2423 0.1u Z 25V
*R2401 0
P2402 NA169WJ
TO_AV2 AF
2 V4_Y
4 V4_C
6 V4_SPLUG
8 V4_V
10 V4_L
12 V4_R
14 GND
16 GND
18 5V(A)
20 GND
22 CLS_SW
24 BS_RST
26 LED_G DENGEN
28 LED YOYAKU
30 POW
V4_PLUG 1
GND 3
GND 5
V4_S2PLUG 7
GND 9
GND 11
HP_PLUG 13
HP_R 15
HP_L 17
GND 19
LED_CARD_R 21
LED5V 23
GND 25
LED_CARD_G 27
LED OSIRASE 29
J2402 J0080CE
R2438 1K
R2445 22 1/4W
R2446 22 1/4W
R2440 100K
R2441 100K
BLUE D3001 0445CE
C3001 0.1u Z 25V
LED5V
R3004 4.7K
R3001 2.2K
Q3001 C3928AR
94.9
0.7
0
R3002 22K
R3003 100K
Q3002 C3928AR
25.1
0.7
0
R3006 10K
R3005 10K
*R3034 10K
*Q3010 DTC144EE
*Q3011 DTC144EE
R3017 10K
Q3007 C144EE
Q3008 C144EE
R3019 10K
5VA
C3002 0.1u Z 25V
GREEN D3004 0421CE
R3015 470
Q3005 C3928AR
R3012 22K
R3018 100K
R3016 1.8K
Q3009 C3928AR
R3009 22K
R3020 100K
S3001 K0065GE
R3013 100
S3004 K0069CE
S3005 K0069CE
C3005 0.1u Z 25V
C3004 0.1u Z 25V
R3031 100
R3014 100
FRONT UNIT
*PWB2401
DUNTKC602DE02
(PWBSC602WJ)
H
G
F
E
D
C
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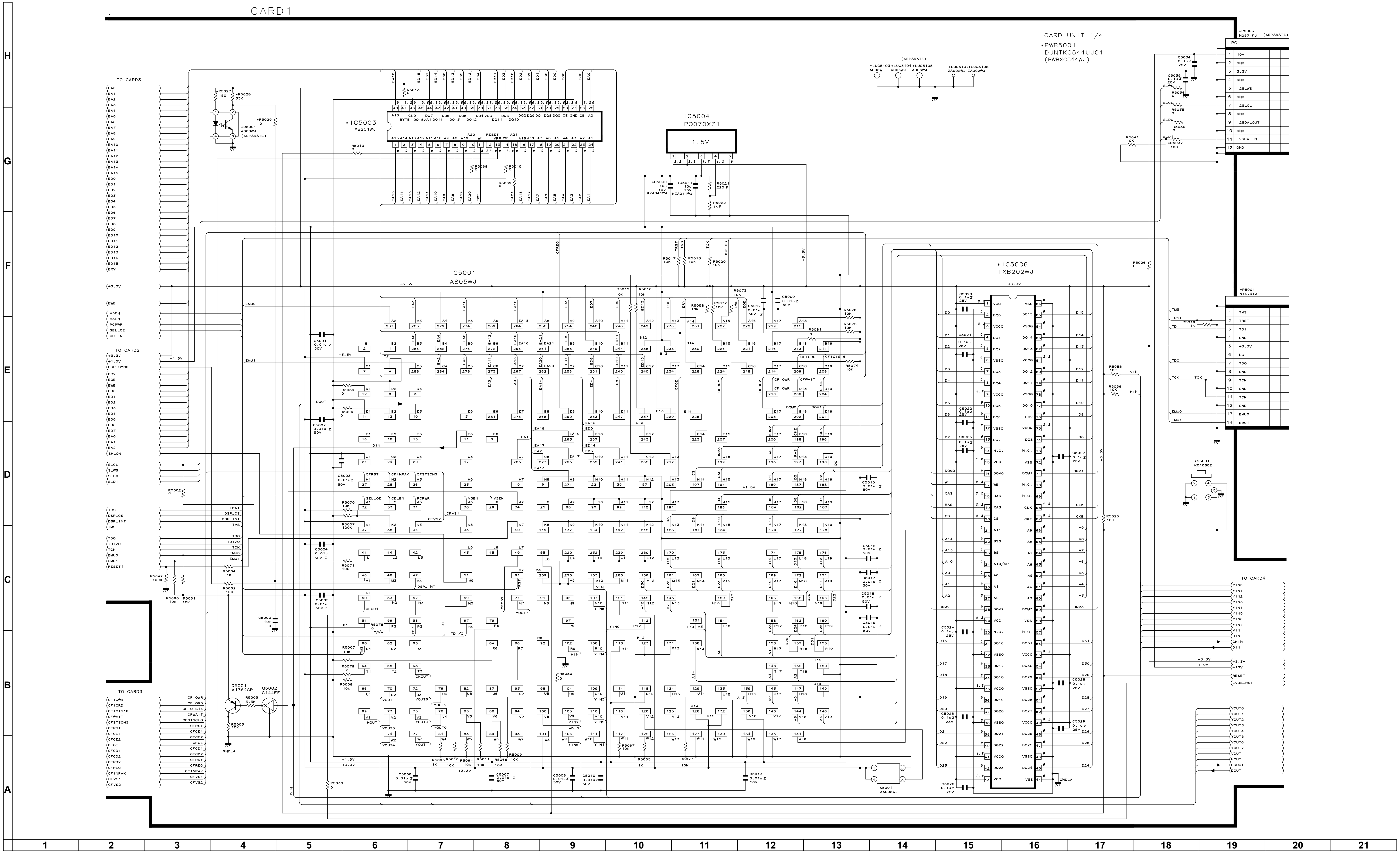
■PC CARD Unit-1/4 (AVC)


CARD1
CARD UNIT 1/4
*PWB5001
DUNTKC544UJ01
(PWBXC544WJ)
*IC5003
IXB201WJ
IC5004
PQ070XZ1
1.5V
IC5001
A805WJ
*IC5006
IXB202WJ
*P5003
N0574FJ (SEPARATE)
PC
10V
GND
3.3V
GND
I2S_WS
GND
I2S_CL
GND
I2SDA_OUT
GND
I2SDA_IN
GND
*P5001
N1474TA
TMS
TRST
TDI
GND
+3.3V
NC
TDO
GND
TCK
GND
TCK
GND
EMU0
EMU1
(SEPARATE)
*LUG5103 *LUG5104 *LUG5105 AO06WJ AO06WJ AO06WJ
*LUG5107 *LUG5108 ZA002WJ ZA002WJ
*D5001 A008WJ (SEPARATE)
TO CARD3
TO CARD2
TO CARD3
TO CARD4
Q5001 A1362GR
Q5002 C144EE
X5001 AA008WJ
*S5001 K0108CE
GND_A
+3.3V
+1.5V
H
G
F
E
D
C
B
A
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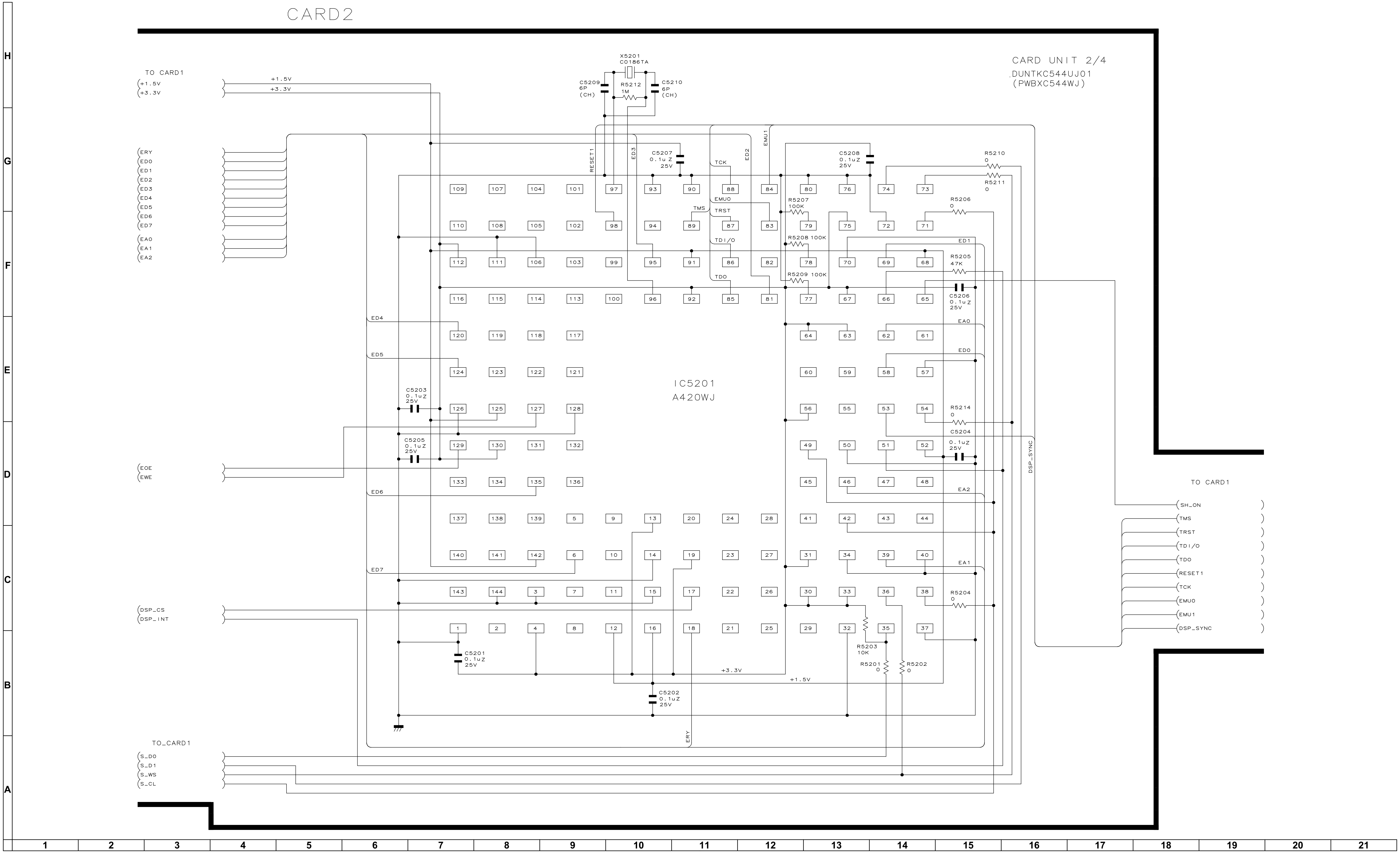
D21

D22

■PC CARD Unit-2/4 (AVC)


CARD2
CARD UNIT 2/4
DUNTKC544UJ01
(PWBXC544WJ)
TO CARD1
+1.5V
+3.3V
ERY
ED0
ED1
ED2
ED3
ED4
ED5
ED6
ED7
EA0
EA1
EA2
EOE
EWE
DSP_CS
DSP_INT
TO_CARD1
S_D0
S_D1
S_WS
S_CL
X5201
C0186TA
C5209
6P
(CH)
C5210
6P
(CH)
R5212
1M
C5207
0.1uZ
25V
C5208
0.1uZ
25V
RESET1
ED3
ED2
EMU1
TCK
EMU0
TMS
TRST
TDI/O
TDO
R5207
100K
R5208 100K
R5209 100K
R5210
0
R5211
0
R5206
0
R5205
47K
C5206
0.1uZ
25V
R5214
0
C5204
0.1uZ
25V
R5204
0
R5203
10K
R5201
0
R5202
0
C5201
0.1uZ
25V
C5202
0.1uZ
25V
C5203
0.1uZ
25V
C5205
0.1uZ
25V
IC5201
A420WJ
DSP_SYNC
SH_ON
TMS
TRST
TDI/O
TDO
RESET1
TCK
EMU0
EMU1
DSP_SYNC
A
B
C
D
E
F
G
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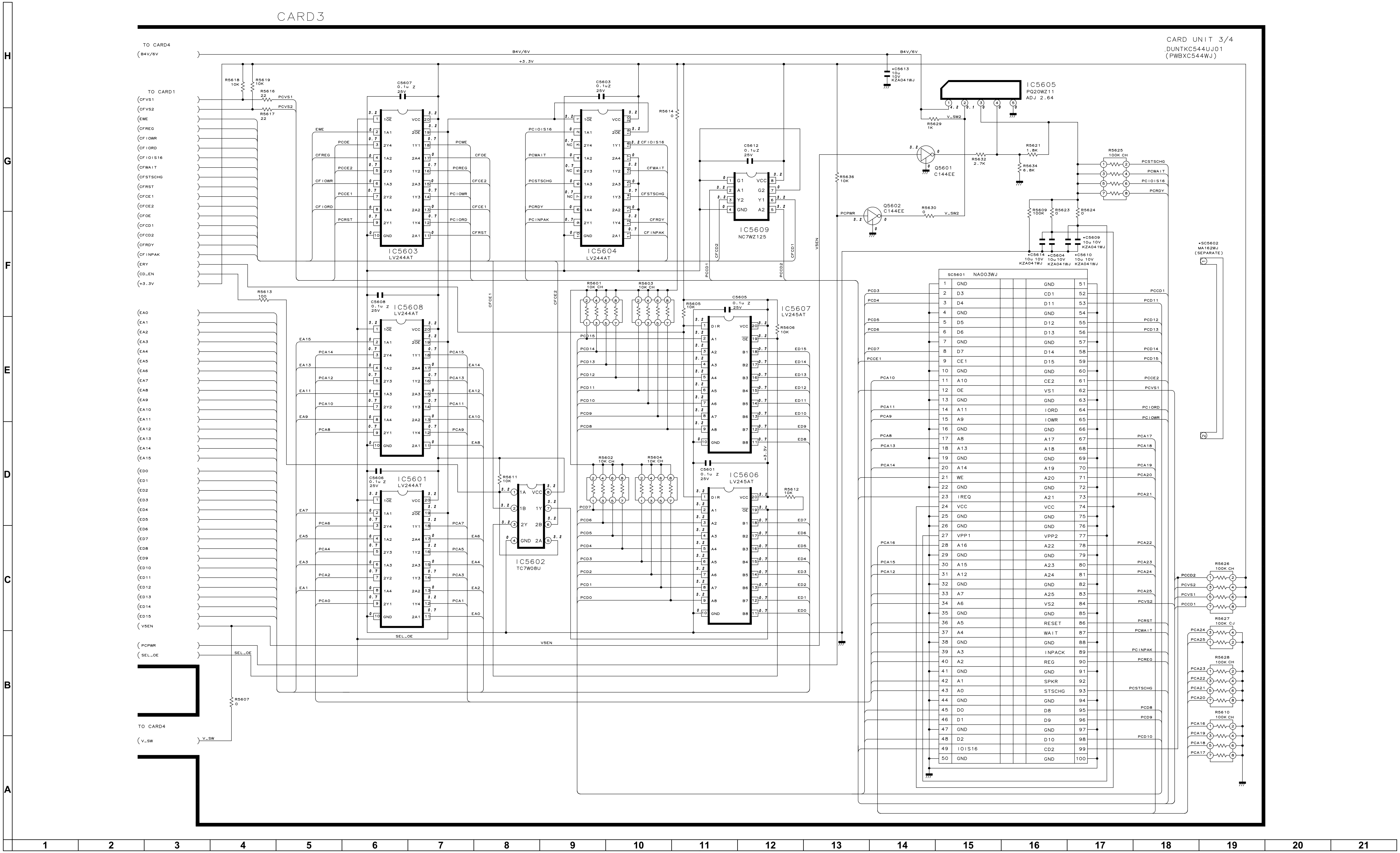
D23

D24

■PC CARD Unit-3/4 (AVC)


CARD3
CARD UNIT 3/4
DUNTKC544UJ01
(PWBXC544WJ)
TO CARD4
B4V/6V
+3.3V
TO CARD1
CFVS1
CFVS2
EWE
CFREG
CFIOWR
CFIORD
CFIOIS16
CFWAIT
CFSTSCHG
CFRST
CFCE1
CFCE2
CFOE
CFCD1
CFCD2
CFRDY
CFINPAK
ERY
CD_EN
+3.3V
EA0
EA1
EA2
EA3
EA4
EA5
EA6
EA7
EA8
EA9
EA10
EA11
EA12
EA13
EA14
EA15
ED0
ED1
ED2
ED3
ED4
ED5
ED6
ED7
ED8
ED9
ED10
ED11
ED12
ED13
ED14
ED15
V5EN
PCPWR
SEL_OE
V_SW
IC5603
LV244AT
IC5604
LV244AT
IC5608
LV244AT
IC5601
LV244AT
IC5602
TC7W08U
IC5609
NC7WZ125
IC5607
LV245AT
IC5606
LV245AT
IC5605
PQ20WZ11
ADJ 2.64
Q5601
C144EE
Q5602
C144EE
SC5601
NA003WJ
SC5602
MA162WJ
(SEPARATE)
R5618 10K
R5619 10K
R5616 22
R5617 22
R5613 100
R5614 0
R5636 10K
R5629 1K
R5632 2.7K
R5621 1.8K
R5634 6.8K
R5630 0
R5625 100K CH
R5609 100K
R5623 0
R5624 0
R5601 10K CH
R5603 10K CH
R5602 10K CH
R5604 10K CH
R5605 10K
R5606 10K
R5611 10K
R5612 10K
R5607 0
R5626 100K CH
R5627 100K CJ
R5628 100K CH
R5610 100K CH
C5607 0.1u Z 25V
C5603 0.1uZ 25V
C5612 0.1uZ 25V
C5608 0.1u Z 25V
C5606 0.1u Z 25V
C5605 0.1u Z 25V
C5601 0.1u Z 25V
C5613 10u 10V KZA041WJ
C5614 10u 10V KZA041WJ
C5604 10u 10V KZA041WJ
C5610 10u 10V KZA041WJ
C5609 10u 10V KZA041WJ
1 GND
2 D3
3 D4
4 GND
5 D5
6 D6
7 GND
8 D7
9 CE1
10 GND
11 A10
12 OE
13 GND
14 A11
15 A9
16 GND
17 A8
18 A13
19 GND
20 A14
21 WE
22 GND
23 IREQ
24 VCC
25 GND
26 GND
27 VPP1
28 A16
29 GND
30 A15
31 A12
32 GND
33 A7
34 A6
35 GND
36 A5
37 A4
38 GND
39 A3
40 A2
41 GND
42 A1
43 A0
44 GND
45 D0
46 D1
47 GND
48 D2
49 IOIS16
50 GND
GND 51
CD1 52
D11 53
GND 54
D12 55
D13 56
GND 57
D14 58
D15 59
GND 60
CE2 61
VS1 62
GND 63
IORD 64
IOWR 65
GND 66
A17 67
A18 68
GND 69
A19 70
A20 71
GND 72
A21 73
VCC 74
GND 75
GND 76
VPP2 77
A22 78
GND 79
A23 80
A24 81
GND 82
A25 83
VS2 84
GND 85
RESET 86
WAIT 87
GND 88
INPACK 89
REG 90
GND 91
SPKR 92
STSCHG 93
GND 94
D8 95
D9 96
GND 97
D10 98
CD2 99
GND 100
PCCD1
PCCD2
PCVS1
PCVS2
PCWE
PCOE
PCREG
PCIOWR
PCIORD
PCRST
PCCE1
PCCE2
PCWAIT
PCSTSCHG
PCIOIS16
PCRDY
PCINPAK
CFCE1
CFCE2
CFCD1
CFCD2
V5EN
SEL_OE
V_SW2
H
G
F
E
D
C
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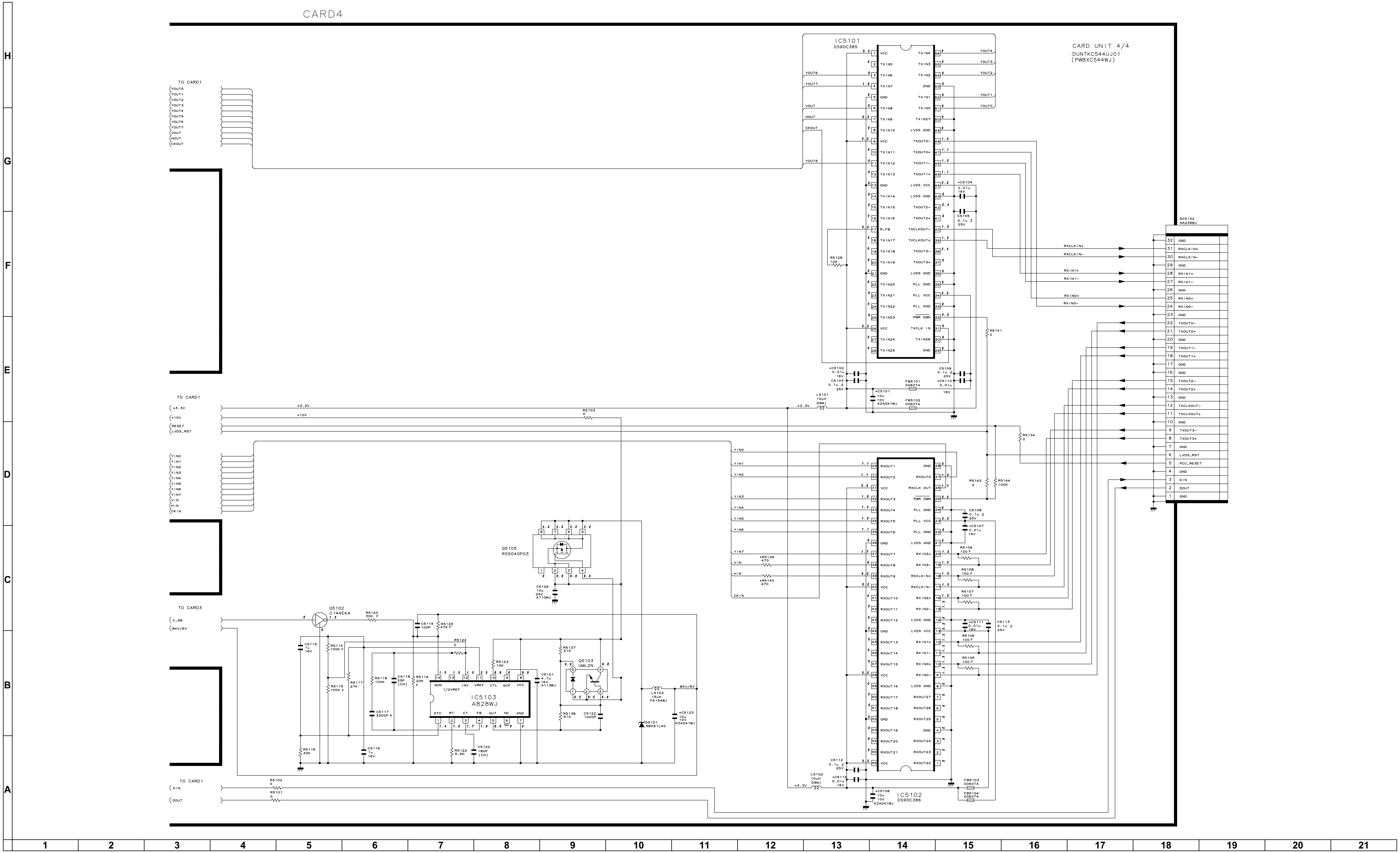
■PC CARD Unit-4/4 (AVC)


CARD4
CARD UNIT 4/4
DUNTKC544UJ01
(PWBXC544WJ)
TO CARD1
YOUT0
YOUT1
YOUT2
YOUT3
YOUT4
YOUT5
YOUT6
YOUT7
VOUT
HOUT
CKOUT
+3.3V
+10V
RESET
LVDS_RST
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
TO CARD3
V_SW
B4V/6V
DIN
DOUT
IC5101
DS90C385
IC5102
DS90C386
IC5103
A828WJ
Q5102
C144EKA
Q5103
UML2N
Q5105
RSS040P03
SC5102
NA239WJ
D5101
RB051L40
L5101
L5102
L5103
R5101
R5102
R5103
R5128
R5134
R5141
R5142
R5144
R5139
R5140
FB5101
FB5102
FB5103
FB5104
RXCLKIN+
RXCLKIN-
RXIN1+
RXIN1-
RXIN0+
RXIN0-
TXOUT0-
TXOUT0+
TXOUT1-
TXOUT1+
TXOUT2-
TXOUT2+
TXCLKOUT-
TXCLKOUT+
TXOUT3-
TXOUT3+
LVDS_RST
PCC_RESET
H
G
F
E
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C
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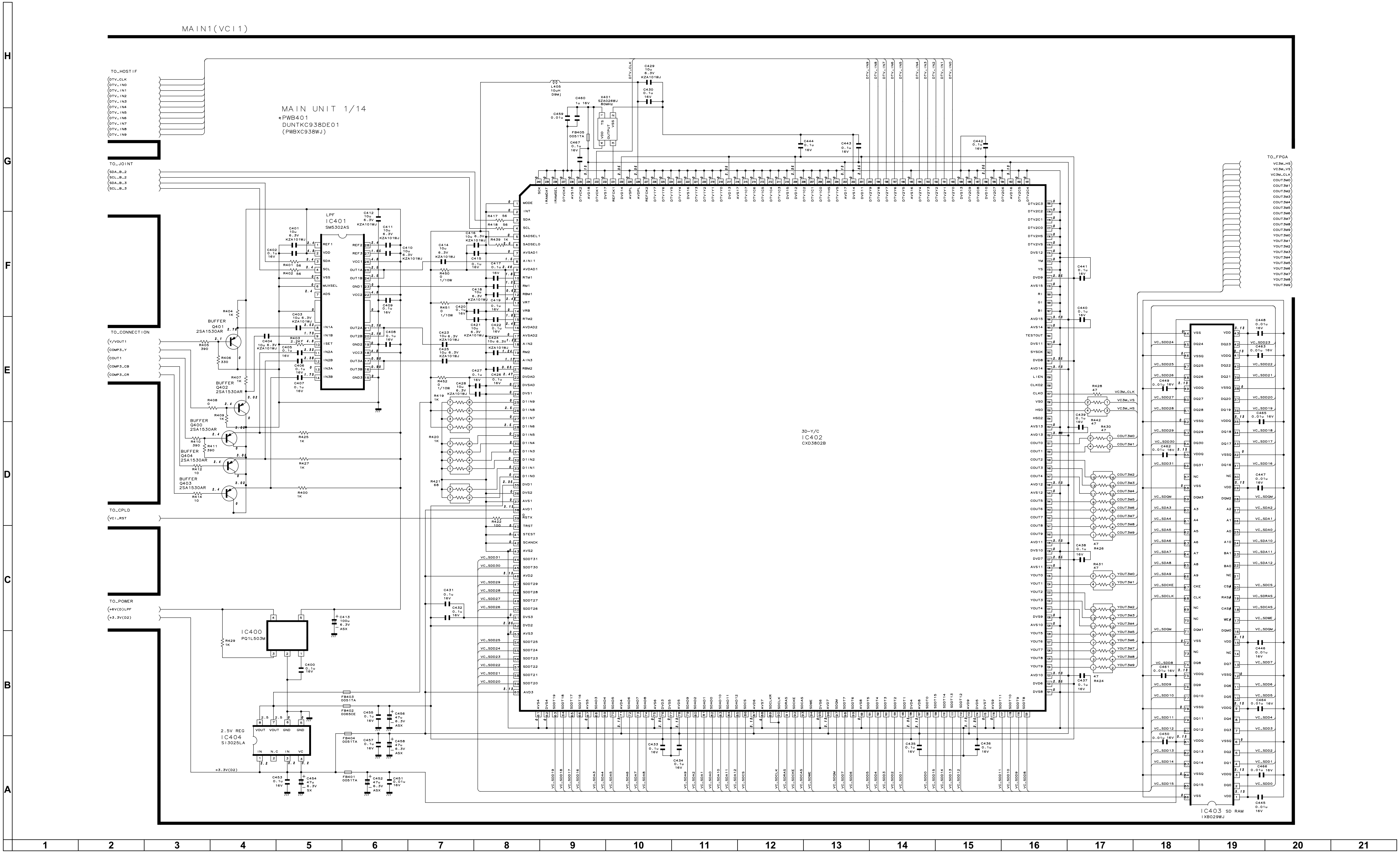
■MAIN Unit-1/14 (AVC)


MAIN1(VCI1)
MAIN UNIT 1/14
*PWB401
DUNTKC938DE01
(PWBXC938WJ)
TO_HOSTIF
DTV_CLK
DTV_IN0
DTV_IN1
DTV_IN2
DTV_IN3
DTV_IN4
DTV_IN5
DTV_IN6
DTV_IN7
DTV_IN8
DTV_IN9
TO_JOINT
SDA_B_2
SCL_B_2
SDA_B_3
SCL_B_3
TO_CONNECTION
Y/VOUT1
COMP3_Y
COUT1
COMP3_CB
COMP3_CR
TO_CPLD
VCI_RST
TO_POWER
+6V(D)LPF
+3.3V(D2)
BUFFER Q401 2SA1530AR
BUFFER Q402 2SA1530AR
BUFFER Q400 2SA1530AR
BUFFER Q404 2SA1530AR
BUFFER Q403 2SA1530AR
LPF IC401 SM5302AS
IC400 PQ1L503M
2.5V REG IC404 SI3025LA
L405 10uH D9MJ
X401 SZA026WJ 80MHz
3D-Y/C IC402 CXD3802B
IC403 SD RAM IXB029WJ
TO_FPGA
VC3M_HS
VC3M_VS
VC3M_CLK
COUT3M0
COUT3M1
COUT3M2
COUT3M3
COUT3M4
COUT3M5
COUT3M6
COUT3M7
COUT3M8
COUT3M9
YOUT3M0
YOUT3M1
YOUT3M2
YOUT3M3
YOUT3M4
YOUT3M5
YOUT3M6
YOUT3M7
YOUT3M8
YOUT3M9
H
G
F
E
D
C
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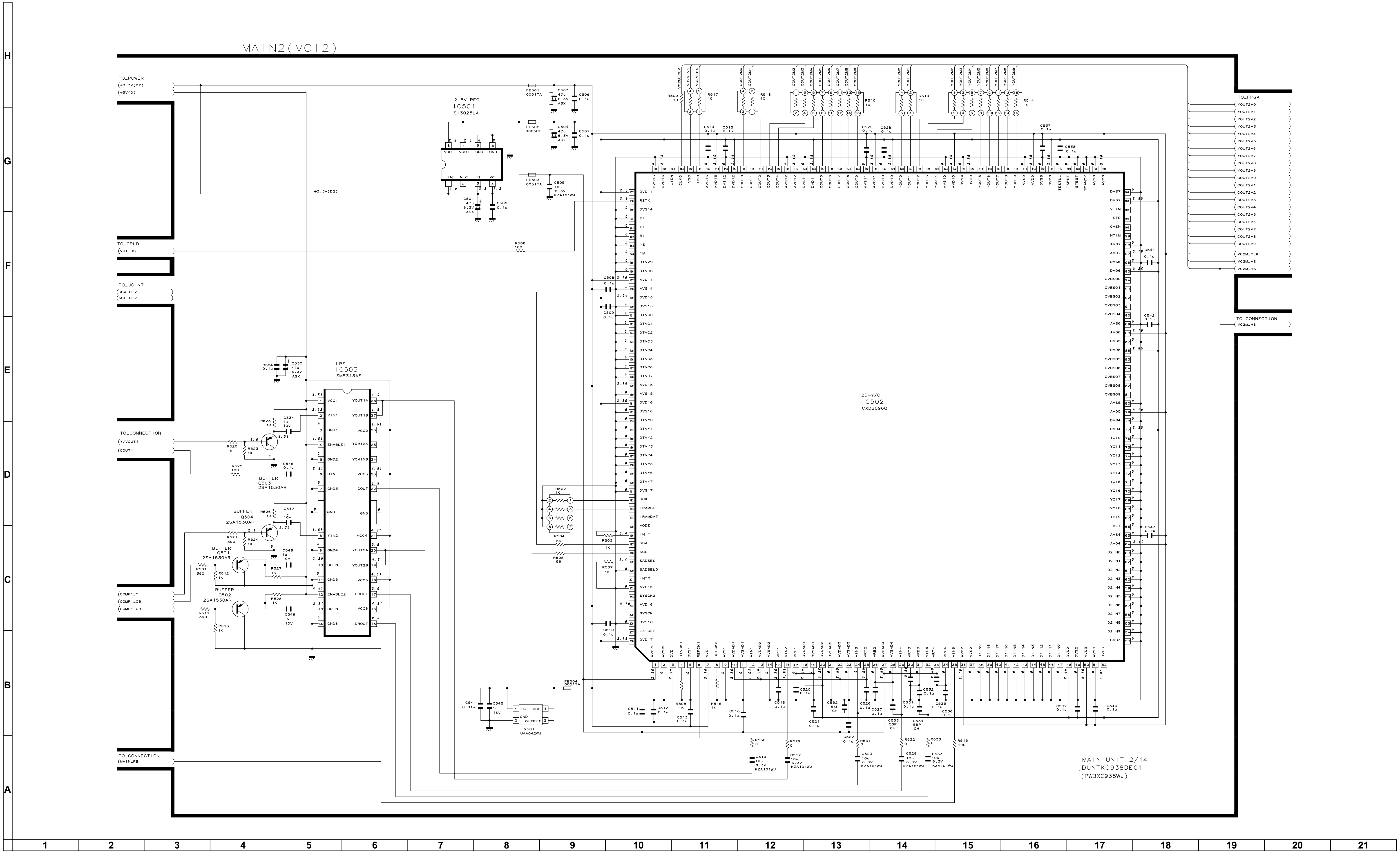
■MAIN Unit-2/14 (AVC)


MAIN2(VCI2)
TO_POWER
+3.3V(D2)
+5V(D)
2.5V REG
IC501
SI3025LA
VOUT
N.C
GND
IN
VC
FB501 0051TA
FB502 0065CE
FB503 0051TA
C501 47u 6.3V ASX
C502 0.1u
C503 47u 6.3V ASX
C504 47u 6.3V ASX
C505 10u 6.3V KZA101WJ
C506 0.1u
C507 0.1u
+3.3V(D2)
TO_CPLD
VCI_RST
R506 100
TO_JOINT
SDA_C_2
SCL_C_2
TO_CONNECTION
Y/VOUT1
COUT1
LPF
IC503
SM5313AS
BUFFER
Q503
2SA1530AR
BUFFER
Q504
2SA1530AR
BUFFER
Q501
2SA1530AR
BUFFER
Q502
2SA1530AR
COMP1_Y
COMP1_CB
COMP1_CR
TO_CONNECTION
MAIN_FB
2D-Y/C
IC502
CXD2096Q
X501
UAA042WJ
FB504 0051TA
TO_FPGA
YOUT2M0
YOUT2M1
YOUT2M2
YOUT2M3
YOUT2M4
YOUT2M5
YOUT2M6
YOUT2M7
YOUT2M8
YOUT2M9
COUT2M0
COUT2M1
COUT2M2
COUT2M3
COUT2M4
COUT2M5
COUT2M6
COUT2M7
COUT2M8
COUT2M9
VC2M_CLK
VC2M_VS
VC2M_HS
TO_CONNECTION
VC2M_HS
MAIN UNIT 2/14
DUNTKC938DE01
(PWBXC938WJ)
H
G
F
E
D
C
B
A
1
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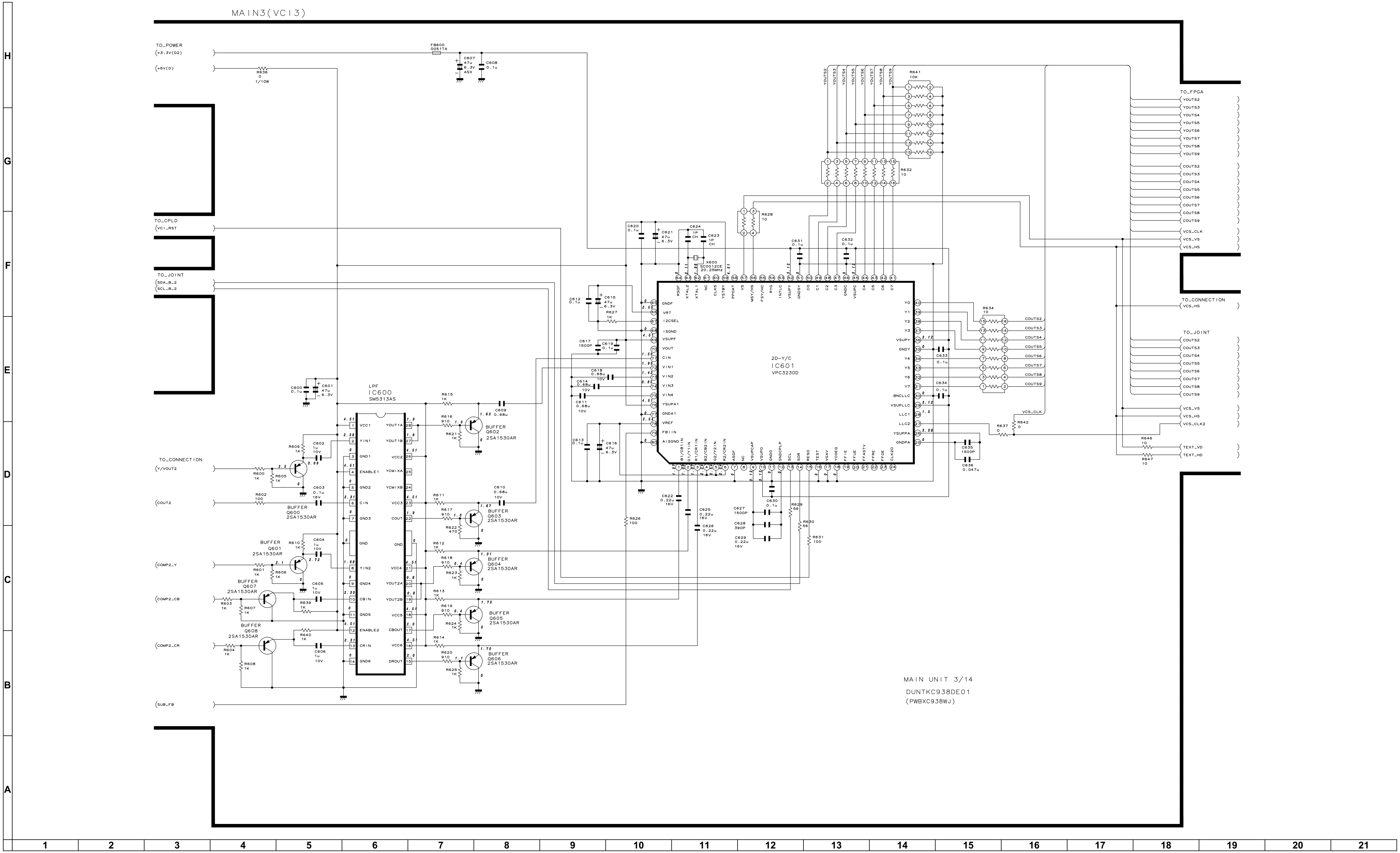
D31

D32

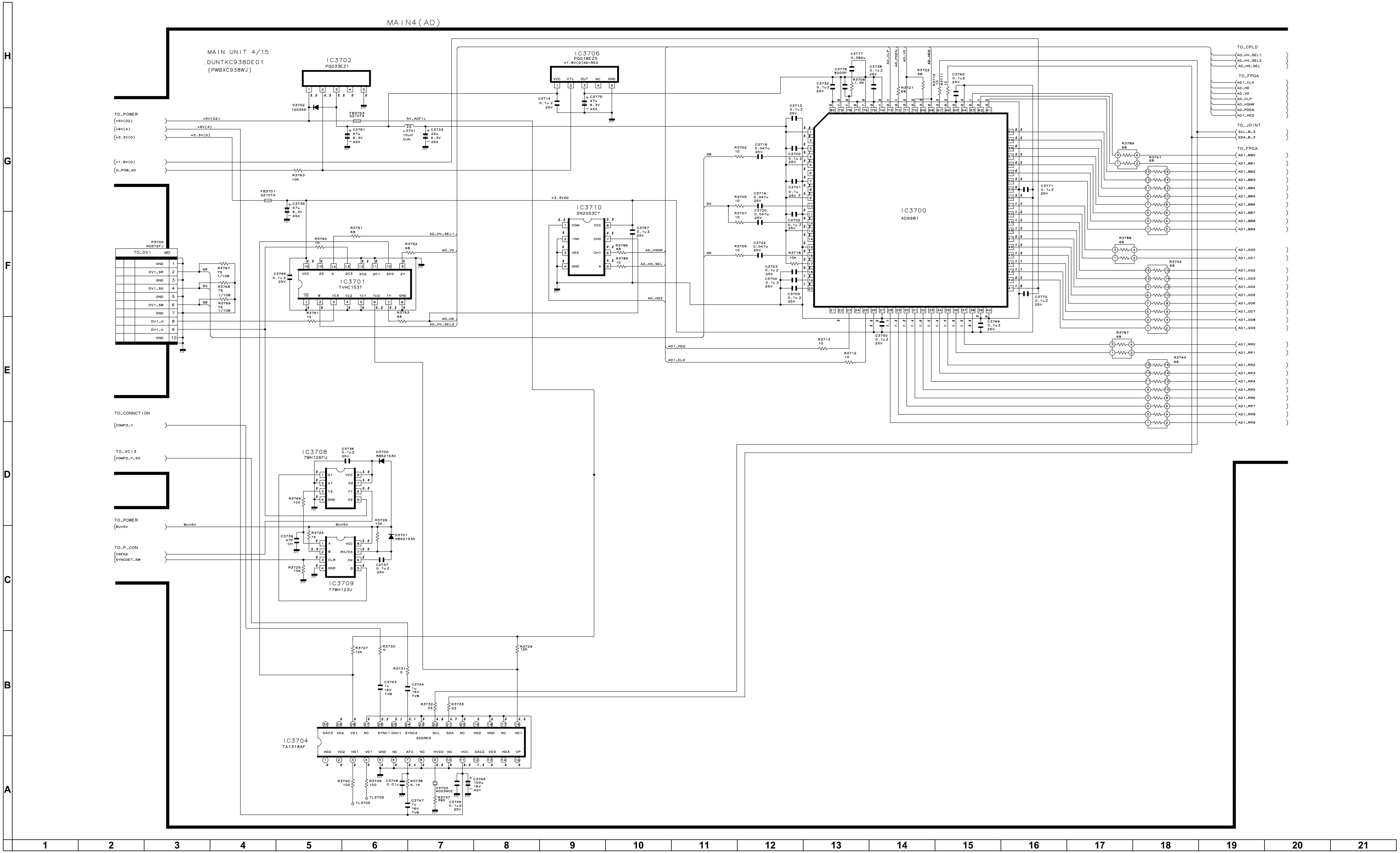
■MAIN Unit-3/14 (AVC)


MAIN3(VCI3)
TO_POWER
(+3.3V(D2)
(+5V(D)
FB600 0051TA
C607 47u 6.3V ASX
C608 0.1u
R636 0 1/10W
TO_CPLD
(VCI_RST
TO_JOINT
(SDA_B_2
(SCL_B_2
TO_CONNECTION
(Y/VOUT2
(COUT2
(COMP2_Y
(COMP2_CB
(COMP2_CR
(SUB_FB
C600 0.1u
C601 47u 6.3V
LPF IC600 SM5313AS
VCC1 YIN1 GND1 ENABLE1 GND2 CIN GND3 GND YIN2 GND4 CBIN GND5 ENABLE2 CRIN GND6
YOUT1A YOUT1B VCC2 YCMIXA YCMIXB VCC3 COUT GND VCC4 YOUT2A YOUT2B VCC5 CBOUT VCC6 DROUT
BUFFER Q600 2SA1530AR
BUFFER Q601 2SA1530AR
BUFFER Q602 2SA1530AR
BUFFER Q603 2SA1530AR
BUFFER Q604 2SA1530AR
BUFFER Q605 2SA1530AR
BUFFER Q606 2SA1530AR
BUFFER Q607 2SA1530AR
BUFFER Q608 2SA1530AR
C609 0.68u
C610 0.68u 10V
2D-Y/C IC601 VPC3230D
X600 SC0012CE 20.25MHz
C620 0.1u
C621 47u 6.3V
C624 1P CH
C623 1P CH
C631 0.1u
C632 0.1u
C612 0.1u
C615 47u 6.3V
R627 1K
C617 1500P
C619 0.1u
C618 0.68u 10V
C614 0.68u 10V
C611 0.68u 10V
C613 0.1u
C616 47u 6.3V
R626 100
C622 0.22u 16V
C625 0.22u 16V
C626 0.22u 16V
C627 1500P
C628 390P
C629 0.22u 16V
C630 0.1u
R629 56
R630 56
R631 100
R628 10
R632 10
R641 10K
R634 10
C633 0.1u
C634 0.1u
C635 1500P
C636 0.047u
R637 0
R642 0
R646 10
R647 10
YOUTS2 YOUTS3 YOUTS4 YOUTS5 YOUTS6 YOUTS7 YOUTS8 YOUTS9
TO_FPGA
COUTS2 COUTS3 COUTS4 COUTS5 COUTS6 COUTS7 COUTS8 COUTS9
VCS_CLK
VCS_VS
VCS_HS
TO_CONNECTION
TO_JOINT
VCS_CLK2
TEXT_VD
TEXT_HD
MAIN UNIT 3/14
DUNTKC938DE01
(PWBXC938WJ)
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

D33

D34

■MAIN Unit-4/14 (AVC)


MAIN4(AD)
MAIN UNIT 4/15
DUNTKC938DE01
(PWBXC938WJ)
IC3702
PQ033EZ1
IC3706
PQ018EZ5
IC3700
AD9981
IC3701
TVHC153T
IC3710
SN2G53CT
IC3708
7WH126FU
IC3709
T7WH123U
IC3704
TA1318AF
P3700
TO_DVI
TO_POWER
(+5V(D2)
(+9V(A)
(+3.3V(D)
(+1.8V(D)
(D_POW_AD
TO_CONNCTION
(COMP3_Y
TO_VCI3
(COMP2_Y_SS
(BU+5V
TO_P_CON
(CSEN2
(SYNCDET_SW
TO_CPLD
AD_HV_SEL1
AD_HV_SEL2
AD_HS_SEL
TO_FPGA
AD1_CLK
AD_HD
AD_VD
AD_CLP
AD_HSNR
AD_PDEN
AD1_HD2
TO_JOINT
SCL_B_3
SDA_B_3
AD1_BB0
AD1_BB1
AD1_BB2
AD1_BB3
AD1_BB4
AD1_BB5
AD1_BB6
AD1_BB7
AD1_BB8
AD1_BB9
AD1_GG0
AD1_GG1
AD1_GG2
AD1_GG3
AD1_GG4
AD1_GG5
AD1_GG6
AD1_GG7
AD1_GG8
AD1_GG9
AD1_RR0
AD1_RR1
AD1_RR2
AD1_RR3
AD1_RR4
AD1_RR5
AD1_RR6
AD1_RR7
AD1_RR8
AD1_RR9
H
G
F
E
D
C
B
A
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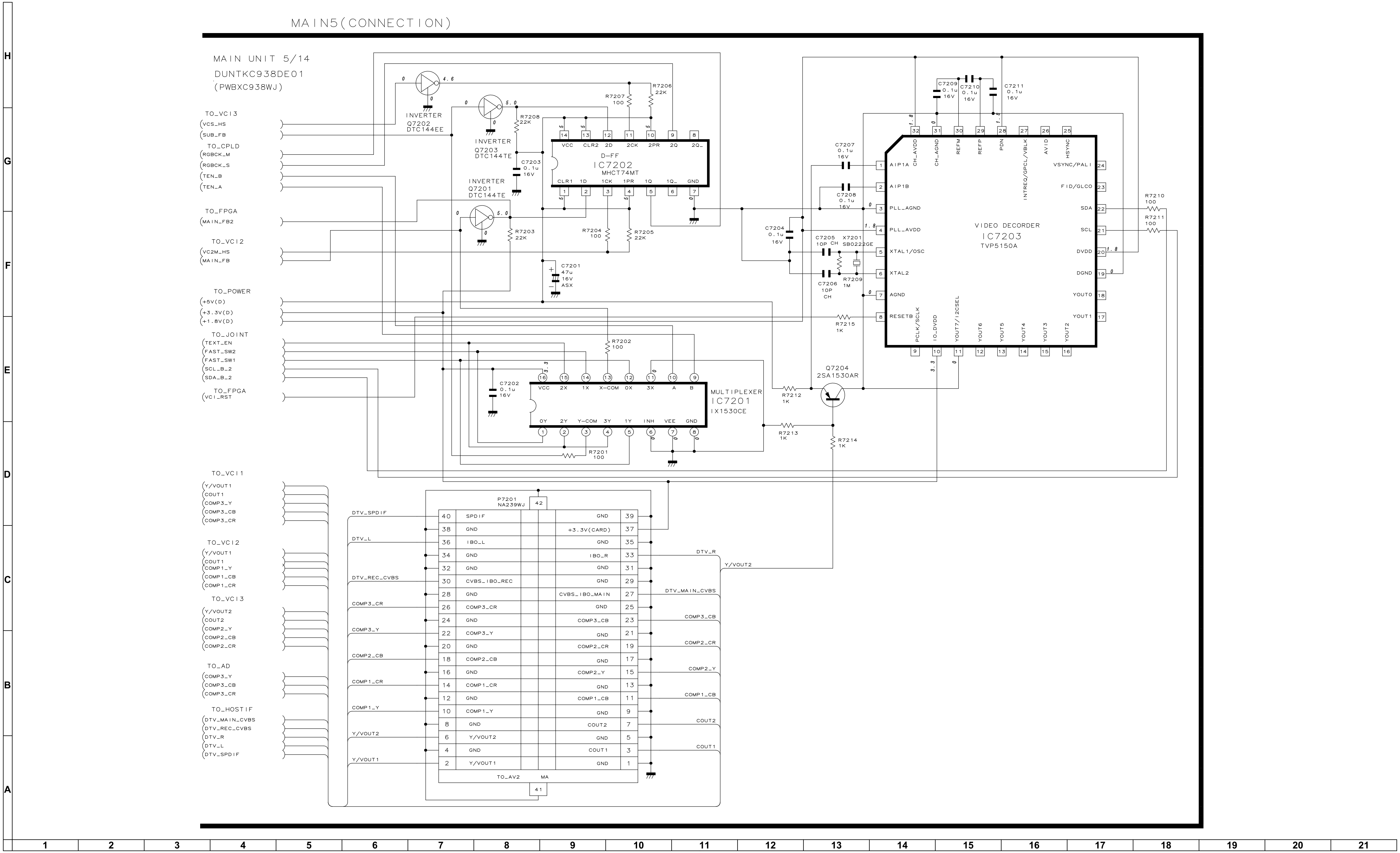
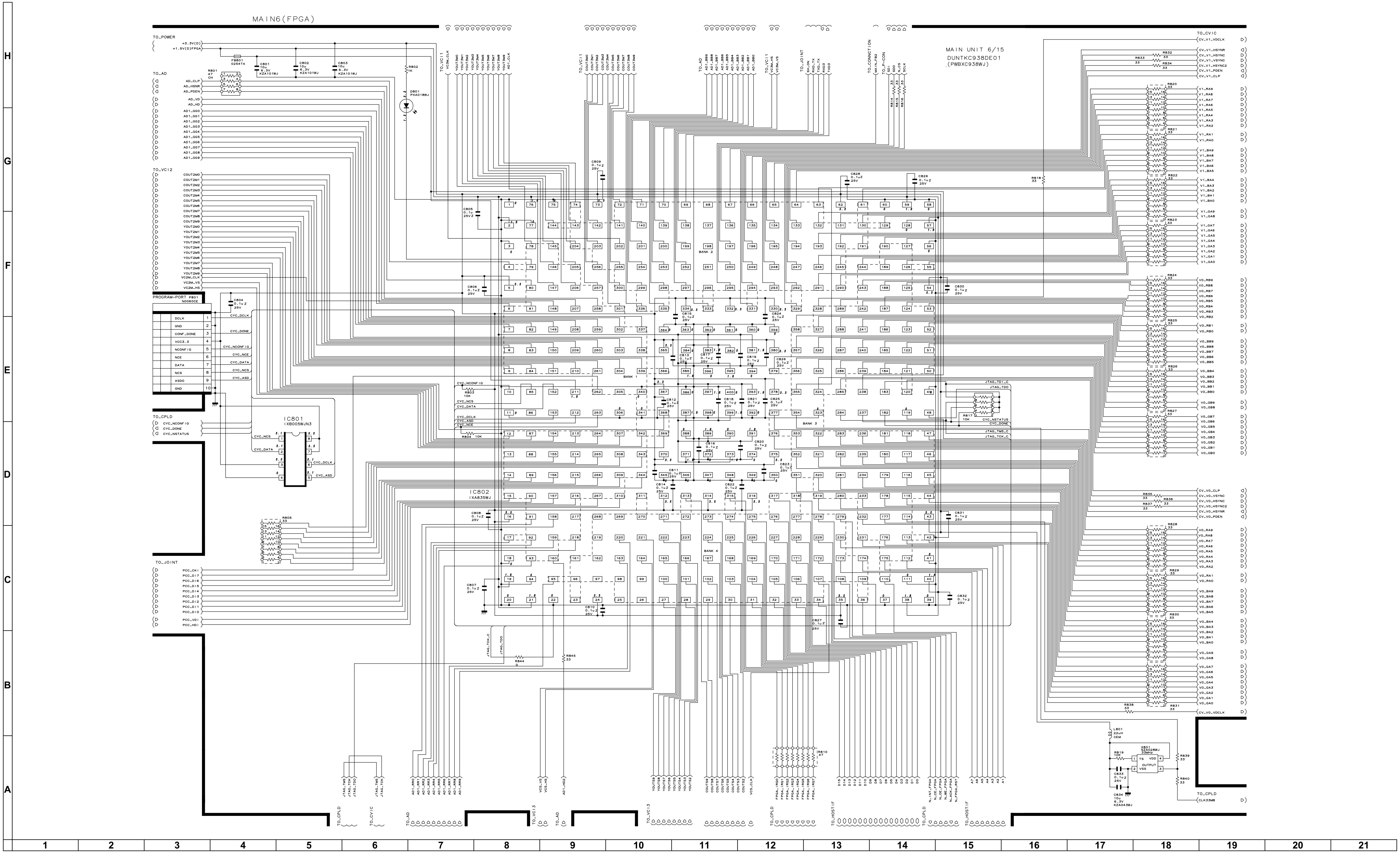
D35

D36

■MAIN Unit-5/14 (AVC)


MAIN5(CONNECTION)
MAIN UNIT 5/14
DUNTKC938DE01
(PWBXC938WJ)
TO_VCI3
VCS_HS
SUB_FB
TO_CPLD
RGBCK_M
RGBCK_S
TEN_B
TEN_A
TO_FPGA
MAIN_FB2
TO_VCI2
VC2M_HS
MAIN_FB
TO_POWER
+5V(D)
+3.3V(D)
+1.8V(D)
TO_JOINT
TEXT_EN
FAST_SW2
FAST_SW1
SCL_B_2
SDA_B_2
TO_FPGA
VCI_RST
INVERTER Q7202 DTC144EE
INVERTER Q7203 DTC144TE
INVERTER Q7201 DTC144TE
R7208 22K
C7203 0.1u 16V
R7203 22K
R7207 100
R7206 22K
R7204 100
R7205 22K
D-FF IC7202 MHCT74MT
VCC CLR2 2D 2CK 2PR 2Q 2Q_
CLR1 1D 1CK 1PR 1Q 1Q_ GND
C7201 47u 16V ASX
R7202 100
C7202 0.1u 16V
MULTIPLEXER IC7201 IX1530CE
VCC 2X 1X X-COM 0X 3X A B
0Y 2Y Y-COM 3Y 1Y INH VEE GND
R7201 100
C7209 0.1u 16V
C7210 0.1u 16V
C7211 0.1u 16V
C7207 0.1u 16V
C7208 0.1u 16V
C7204 0.1u 16V
C7205 10P CH
X7201 SB0222GE
C7206 10P CH
R7209 1M
R7215 1K
VIDEO DECORDER IC7203 TVP5150A
AIP1A AIP1B PLL_AGND PLL_AVDD XTAL1/OSC XTAL2 AGND RESETB
CH_AVDD CH_AGND REFM REFP PDN INTREQ/GPCL/VBLK AVID HSYNC
VSYNC/PALI FID/GLCO SDA SCL DVDD DGND YOUT0 YOUT1
PCLK/SCLK IO_DVDD YOUT7/I2CSEL YOUT6 YOUT5 YOUT4 YOUT3 YOUT2
R7210 100
R7211 100
Q7204 2SA1530AR
R7212 1K
R7213 1K
R7214 1K
TO_VCI1
Y/VOUT1
COUT1
COMP3_Y
COMP3_CB
COMP3_CR
TO_VCI2
Y/VOUT1
COUT1
COMP1_Y
COMP1_CB
COMP1_CR
TO_VCI3
Y/VOUT2
COUT2
COMP2_Y
COMP2_CB
COMP2_CR
TO_AD
COMP3_Y
COMP3_CB
COMP3_CR
TO_HOSTIF
DTV_MAIN_CVBS
DTV_REC_CVBS
DTV_R
DTV_L
DTV_SPDIF
P7201 NA239WJ
40 SPDIF
38 GND
36 IBO_L
34 GND
32 GND
30 CVBS_IBO_REC
28 GND
26 COMP3_CR
24 GND
22 COMP3_Y
20 GND
18 COMP2_CB
16 GND
14 COMP1_CR
12 GND
10 COMP1_Y
8 GND
6 Y/VOUT2
4 GND
2 Y/VOUT1
GND 39
+3.3V(CARD) 37
GND 35
IBO_R 33
GND 31
GND 29
CVBS_IBO_MAIN 27
GND 25
COMP3_CB 23
GND 21
COMP2_CR 19
GND 17
COMP2_Y 15
GND 13
COMP1_CB 11
GND 9
COUT2 7
GND 5
COUT1 3
GND 1
42
41
TO_AV2 MA
DTV_SPDIF
DTV_L
DTV_REC_CVBS
COMP3_CR
COMP3_Y
COMP2_CB
COMP1_CR
COMP1_Y
Y/VOUT2
Y/VOUT1
DTV_R
Y/VOUT2
DTV_MAIN_CVBS
COMP3_CB
COMP2_CR
COMP2_Y
COMP1_CB
COUT2
COUT1
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■MAIN Unit-6/14 (AVC)


MAIN6(FPGA)
TO_POWER
+3.3V(D)
+1.5V(D)FPGA
FB801
C801
C802
C803
R801
R802
D801
TO_AD
AD_CLP
AD_HSNR
AD_PDEN
AD_VD
AD_HD
TO_VCI2
TO_VCI1
TO_VCI3
TO_JOINT
TO_CONNECTION
TO_P-CON
TO_CVIC
TO_CPLD
TO_HOSTIF
PROGRAM-PORT P801
DCLK
GND
CONF_DONE
VCC3.3
NCONFIG
NCE
DATA
NCS
ASDO
IC801
IXB005WJN3
IC802
IXA835WJ
BANK 1
BANK 2
BANK 3
BANK 4
MAIN UNIT 6/15
DUNTKC938DE01
(PWBXC938WJ)
JTAG_TCK_C
JTAG_TDO
JTAG_TMS_C
CYC_NSTATUS
CYC_DONE
L801
X801
CV_V0_VDCLK
CLK33MB
H
G
F
E
D
C
B
A
1
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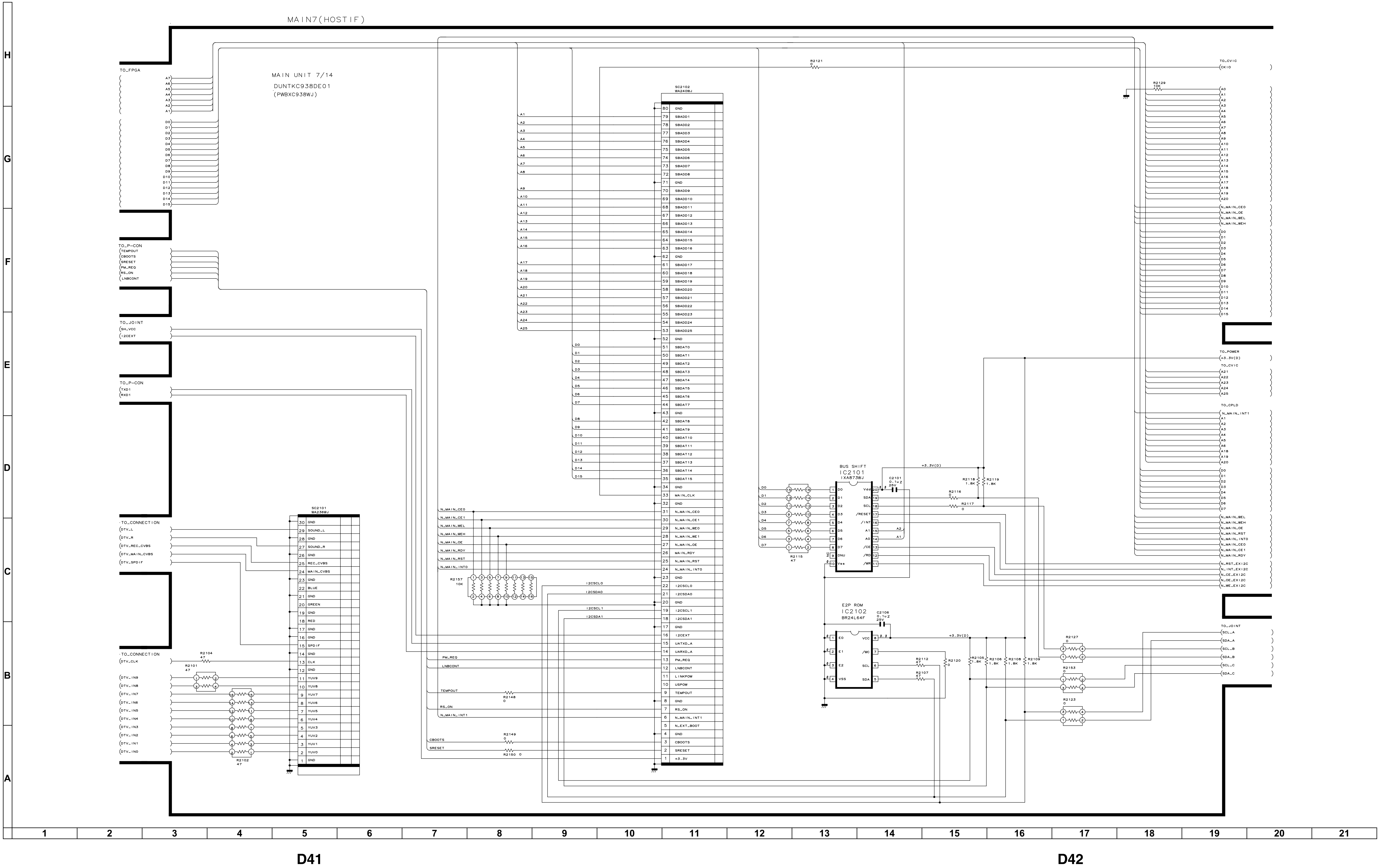
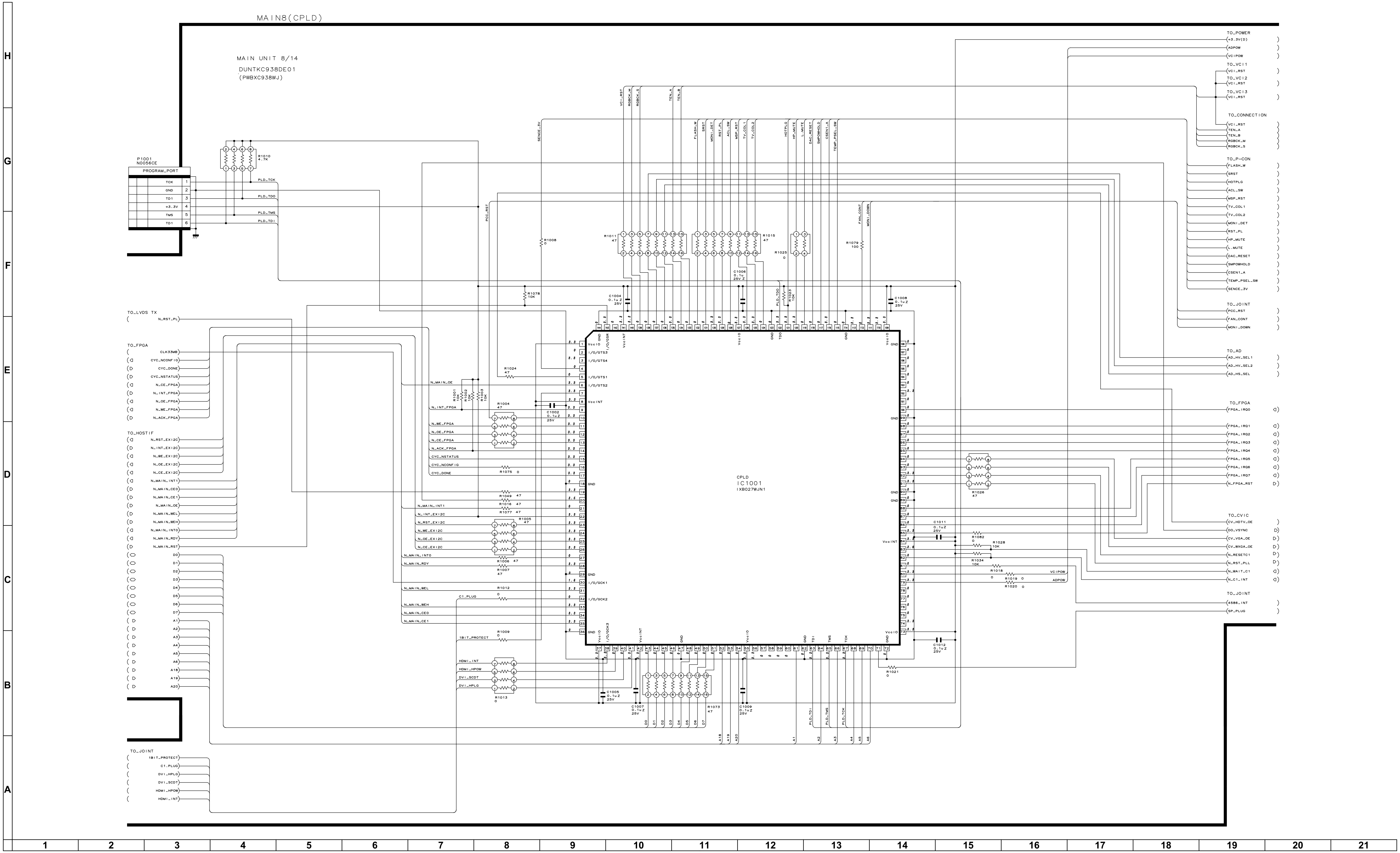
■MAIN Unit-7/14 (AVC)



MAIN7(HOSTIF)
MAIN UNIT 7/14
DUNTKC938DE01
(PWBXC938WJ)
TO_FPGA
A1 A2 A3 A4 A5 A6 A7
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
TO_P-CON
TEMPOUT
CBOOTS
SRESET
PM_REQ
RS_ON
LNBCONT
TO_JOINT
SH_VCC
I2CEXT
TO_P-CON
TXD1
RXD1
TO_CONNECTION
DTV_L
DTV_R
DTV_REC_CVBS
DTV_MAIN_CVBS
DTV_SPDIF
TO_CONNECTION
DTV_CLK
DTV_IN9
DTV_IN8
DTV_IN7
DTV_IN6
DTV_IN5
DTV_IN4
DTV_IN3
DTV_IN2
DTV_IN1
DTV_IN0
R2104 47
R2101 47
R2102 47
SC2101 WA236WJ
30 GND
29 SOUND_L
28 GND
27 SOUND_R
26 GND
25 REC_CVBS
24 MAIN_CVBS
23 GND
22 BLUE
21 GND
20 GREEN
19 GND
18 RED
17 GND
16 GND
15 SPDIF
14 GND
13 CLK
12 GND
11 YUV9
10 YUV8
9 YUV7
8 YUV6
7 YUV5
6 YUV4
5 YUV3
4 YUV2
3 YUV1
2 YUV0
1 GND
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_OE
N_MAIN_RDY
N_MAIN_RST
N_MAIN_INT0
R2157 10K
I2CSCL0
I2CSDA0
I2CSCL1
I2CSDA1
PM_REQ
LNBCONT
TEMPOUT
R2148 0
RS_ON
N_MAIN_INT1
CBOOTS
SRESET
R2149 0
R2150 0
SC2102 WA240WJ
80 GND
79 SBADD1
78 SBADD2
77 SBADD3
76 SBADD4
75 SBADD5
74 SBADD6
73 SBADD7
72 SBADD8
71 GND
70 SBADD9
69 SBADD10
68 SBADD11
67 SBADD12
66 SBADD13
65 SBADD14
64 SBADD15
63 SBADD16
62 GND
61 SBADD17
60 SBADD18
59 SBADD19
58 SBADD20
57 SBADD21
56 SBADD22
55 SBADD23
54 SBADD24
53 SBADD25
52 GND
51 SBDAT0
50 SBDAT1
49 SBDAT2
48 SBDAT3
47 SBDAT4
46 SBDAT5
45 SBDAT6
44 SBDAT7
43 GND
42 SBDAT8
41 SBDAT9
40 SBDAT10
39 SBDAT11
38 SBDAT12
37 SBDAT13
36 SBDAT14
35 SBDAT15
34 GND
33 MAIN_CLK
32 GND
31 N_MAIN_CE0
30 N_MAIN_CE1
29 N_MAIN_WE0
28 N_MAIN_WE1
27 N_MAIN_OE
26 MAIN_RDY
25 N_MAIN_RST
24 N_MAIN_INT0
23 GND
22 I2CSCL0
21 I2CSDA0
20 GND
19 I2CSCL1
18 I2CSDA1
17 GND
16 I2CEXT
15 UATXD_A
14 UARXD_A
13 PM_REQ
12 LNBCONT
11 LINKPOW
10 USPOW
9 TEMPOUT
8 GND
7 RS_ON
6 N_MAIN_INT1
5 N_EXT_BOOT
4 GND
3 CBOOTS
2 SRESET
1 +3.3V
R2121 0
R2129 10K
BUS SHIFT
IC2101
IXA873WJ
D0 D1 D2 D3 D4 D5 D6 D7 DNU Vss
Vdd SDA SCL /RESET /INT A1 A0 /CE /RD /WR
R2115 47
C2101 0.1u Z 25V
+3.3V(D)
R2118 1.8K
R2119 1.8K
R2116 0
R2117 0
E2P ROM
IC2102
BR24L64F
E0 E1 E2 VSS
VCC /WC SCL SDA
C2106 0.1u Z 25V
R2112 47
R2107 47
R2120 0
R2105 1.8K
R2106 1.8K
R2108 1.8K
R2109 1.8K
R2127 0
R2153 0
R2123 0
TO_CVIC
CK10
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17 A18 A19 A20
N_MAIN_CE0
N_MAIN_OE
N_MAIN_WEL
N_MAIN_WEH
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
TO_POWER
+3.3V(D)
TO_CVIC
A21 A22 A23 A24 A25
TO_CPLD
N_MAIN_INT1
A1 A2 A3 A4 A5 A6 A18 A19 A20
D0 D1 D2 D3 D4 D5 D6 D7
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_OE
N_MAIN_RST
N_MAIN_INT0
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_RDY
N_RST_EXI2C
N_INT_EXI2C
N_CE_EXI2C
N_OE_EXI2C
N_WE_EXI2C
TO_JOINT
SCL_A
SDA_A
SCL_B
SDA_B
SCL_C
SDA_C
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
D41
D42

■MAIN Unit-8/14 (AVC)


MAIN8(CPLD)
MAIN UNIT 8/14
DUNTKC938DE01
(PWBXC938WJ)
P1001
N0056CE
PROGRAM_PORT
TCK 1
GND 2
TDO 3
+3.3V 4
TMS 5
TDI 6
R1010 4.7K
PLD_TCK
PLD_TDO
PLD_TMS
PLD_TDI
TO_LVDS TX
N_RST_PL
TO_FPGA
CLK33MB
CYC_NCONFIG
CYC_DONE
CYC_NSTATUS
N_CE_FPGA
N_INT_FPGA
N_OE_FPGA
N_WE_FPGA
N_ACK_FPGA
TO_HOSTIF
N_RST_EXI2C
N_INT_EXI2C
N_WE_EXI2C
N_OE_EXI2C
N_CE_EXI2C
N_MAIN_INT1
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_OE
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_INT0
N_MAIN_RDY
N_MAIN_RST
D0
D1
D2
D3
D4
D5
D6
D7
A1
A2
A3
A4
A5
A6
A18
A19
A20
TO_JOINT
1BIT_PROTECT
C1_PLUG
DVI_HPLG
DVI_SCDT
HDMI_HPOW
HDMI_INT
SENCE_3V
PCC_RST
R1008 0
R1078 10K
R1024 47
R1001 10K
R1002 10K
R1003 10K
R1004 47
C1002 0.1uZ 25V
R1075 0
R1049 47
R1016 47
R1077 47
R1005 47
R1006 47
R1007 47
R1012 0
R1009 0
R1013 0
C1005 0.1uZ 25V
C1007 0.1uZ 25V
R1073 47
C1009 0.1uZ 25V
C1004 0.1uZ 25V
C1006 0.1u 25V Z
C1008 0.1uZ 25V
R1011 47
R1015 47
R1025 0
R1023 10K
R1079 100
FAN_CONT
MONI_DOWN
VCI_RST
RGBCK_M
RGBCK_S
TEN_A
TEN_B
FLASH_W
SRST
MONI_DET
RST_PL
ACL_SW
MSP_RST
TV_COL1
TV_COL2
HOTPLG
HP_MUTE
L_MUTE
DAC_RESET
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
CPLD
IC1001
IXB027WJN1
VccIO
VccINT
GND
I/O/GTS3
I/O/GTS4
I/O/GTS1
I/O/GTS2
I/O/GCK1
I/O/GCK2
I/O/GCK3
I/O/GSR
TDI
TMS
TCK
TDO
C1011 0.1uZ 25V
C1012 0.1uZ 25V
R1026 47
R1082 0
R1028 10K
R1034 10K
R1018 0
R1019 0
R1020 0
R1021 0
VCIPOW
ADPOW
TO_POWER
+3.3V(D)
ADPOW
VCIPOW
TO_VCI1
VCI_RST
TO_VCI2
VCI_RST
TO_VCI3
VCI_RST
TO_CONNECTION
VCI_RST
TEN_A
TEN_B
RGBCK_M
RGBCK_S
TO_P-CON
FLASH_W
SRST
HOTPLG
ACL_SW
MSP_RST
TV_COL1
TV_COL2
MONI_DET
RST_PL
HP_MUTE
L_MUTE
DAC_RESET
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
SENCE_3V
TO_JOINT
PCC_RST
FAN_CONT
MONI_DOWN
TO_AD
AD_HV_SEL1
AD_HV_SEL2
AD_HS_SEL
TO_FPGA
FPGA_IRQ0
FPGA_IRQ1
FPGA_IRQ2
FPGA_IRQ3
FPGA_IRQ4
FPGA_IRQ5
FPGA_IRQ6
FPGA_IRQ7
N_FPGA_RST
TO_CVIC
CV_HDTV_OE
DO_VSYNC
CV_VGA_OE
CV_WXGA_OE
N_RESETC1
N_RST_PLL
N_WAIT_C1
N_C1_INT
TO_JOINT
4586_INT
SP_PLUG
H
G
F
E
D
C
B
A
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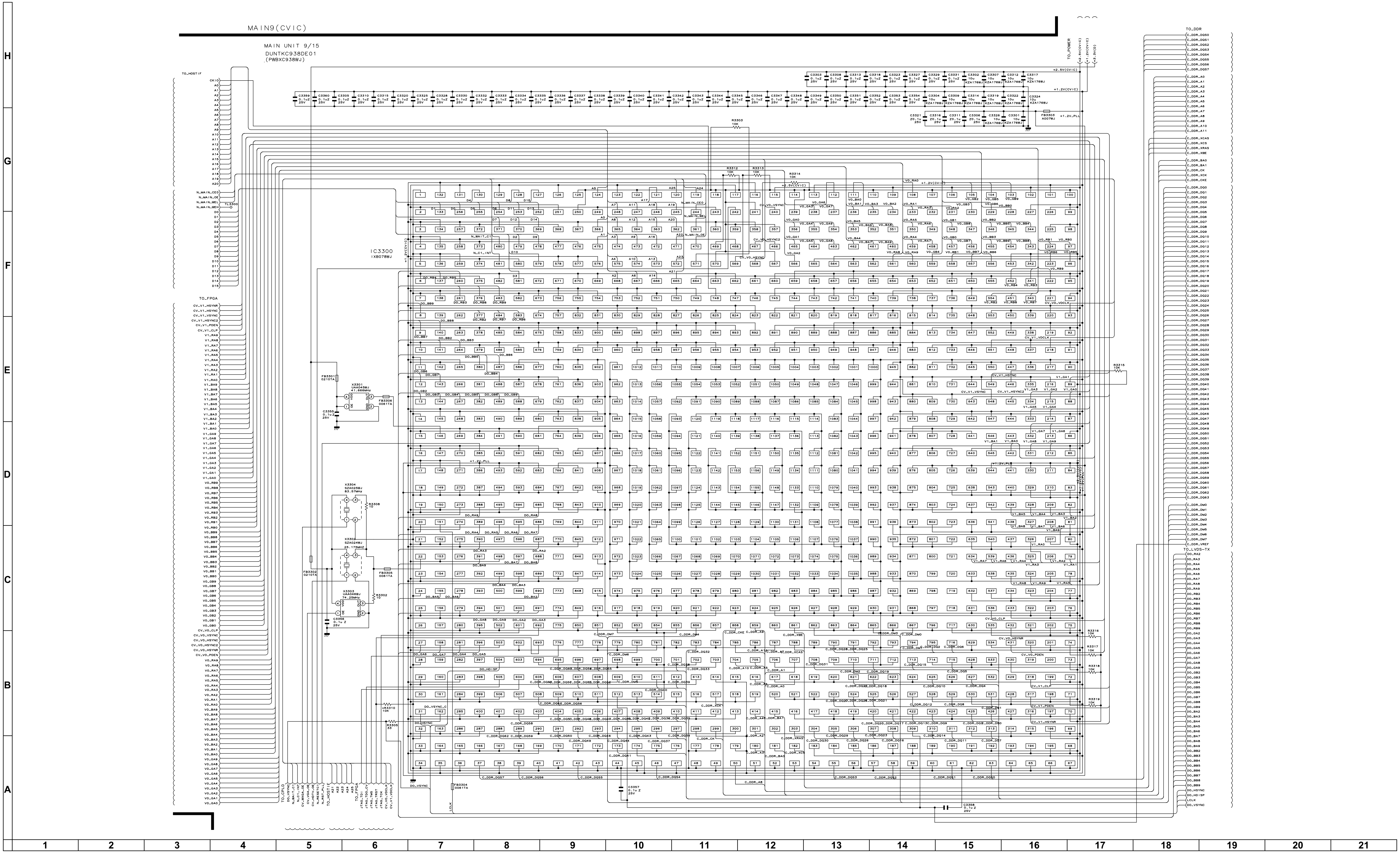
D43

D44

■MAIN Unit-9/14 (AVC)



MAIN9(CVIC)
MAIN UNIT 9/15
DUNTKC938DE01
(PWBXC938WJ)
TO_HOSTIF
TO_FPGA
TO_DDR
TO_LVDS-TX
TO_POWER
+2.5V(CVIC)
+1.2V(CVIC)
+3.3V(D)
+1.2V_PLL
IC3300
IXB078WJ
X3301
UAA045WJ
41.666MHz
X3304
SZA025WJ
83.57MHz
X3302
SZA024WJ
25.175MHz
X3303
UAA046WJ
74.25MHz
FB3301
0210TA
FB3302
0210TA
FB3303
A007WJ
FB3304
0061TA
FB3305
0061TA
FB3306
0061TA
C3355
0.1u Z
25V
C3356
0.1u Z
25V
C3357
0.1u Z
25V
C3358
0.1u Z
25V
R3303
10K
R3305
33
R3310
10K
R3312
10K
R3313
10K
R3314
10K
R3315
10K
R3316
10K
R3317
10K
R3318
10K
R3319
10K
TL3300
H
G
F
E
D
C
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A
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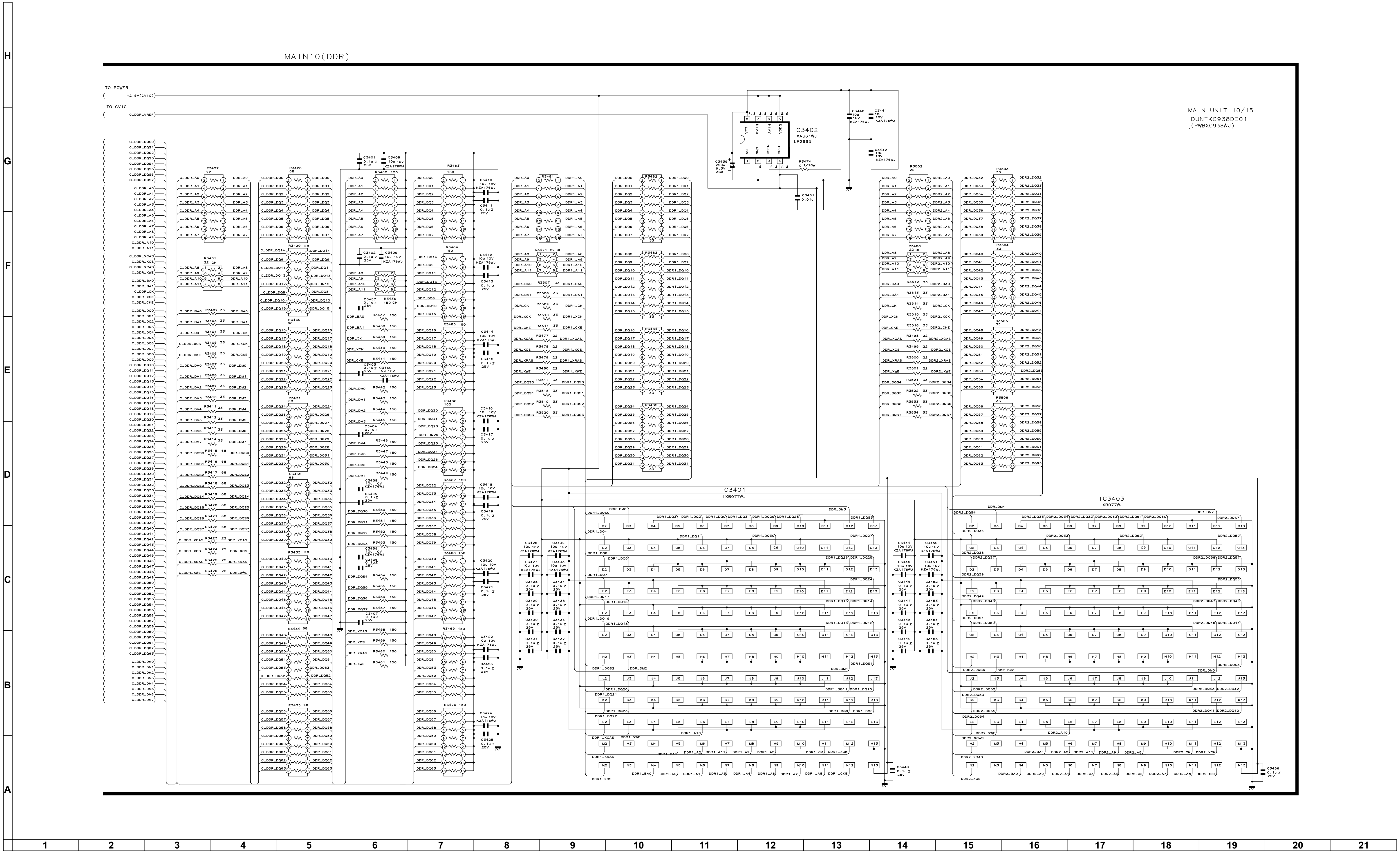
■MAIN Unit-10/14 (AVC)


MAIN10(DDR)
TO_POWER
+2.5V(CVIC)
TO_CVIC
C_DDR_VREF
MAIN UNIT 10/15
DUNTKC938DE01
(PWBXC938WJ)
IC3402
IXA361WJ
LP2995
VTT
PVIN
AVIN
VDDQ
NC
GND
VSEN
VREF
C3439
220u
6.3V
ASX
R3474
0 1/10W
C3440
C3441
C3442
10u
10V
KZA176WJ
C3461
0.01u
IC3401
IXB077WJ
IC3403
IXB077WJ
H
G
F
E
D
C
B
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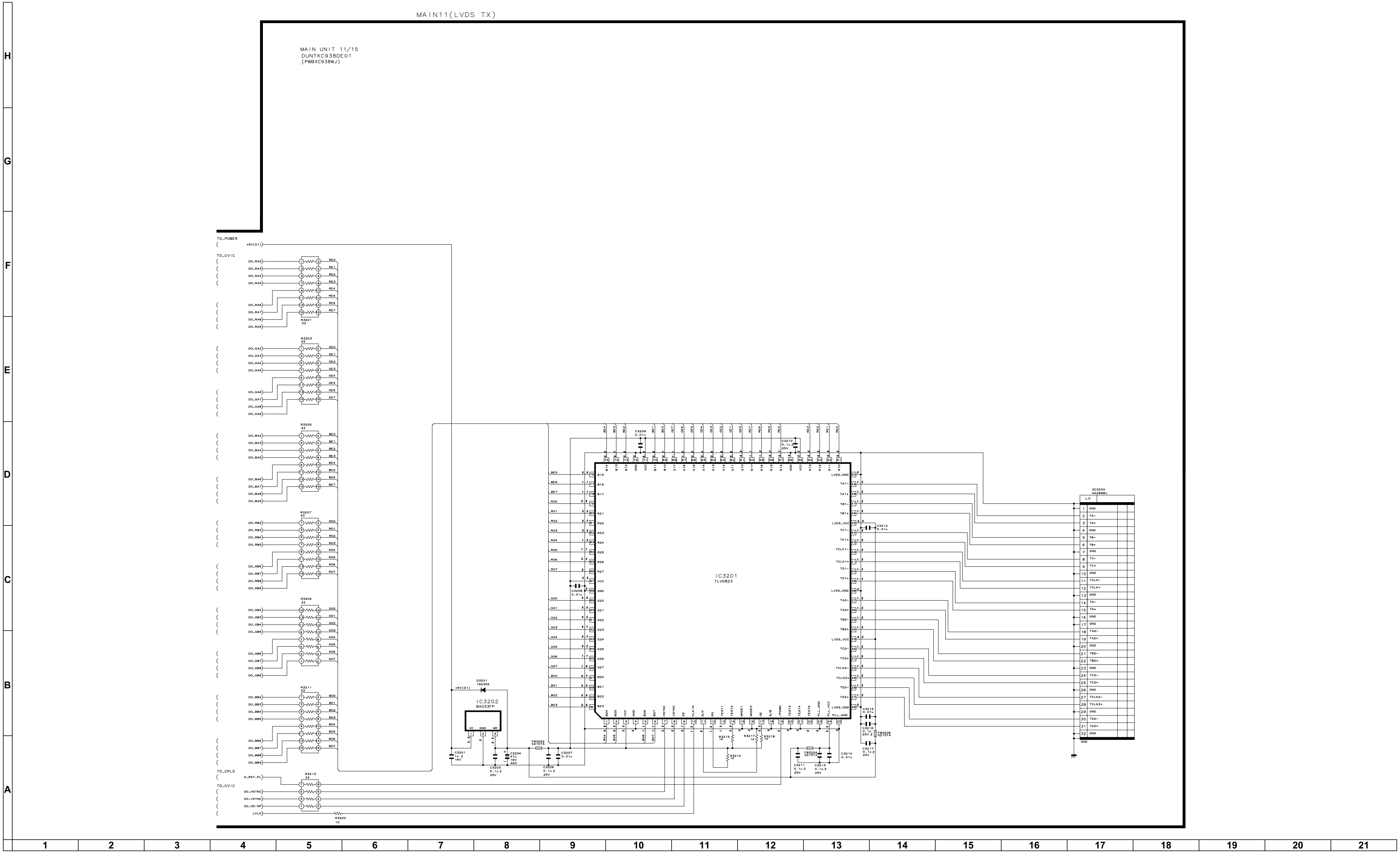
D47

D48

■MAIN Unit-11/14 (AVC)



MAIN11(LVDS TX)
MAIN UNIT 11/15
DUNTKC938DE01
(PWBXC938WJ)
TO_POWER
+5V(D1)
TO_CVIC
R3201 33
R3203 33
R3205 33
R3207 33
R3209 33
R3211 33
TO_CPLD
N_RST_PL
R3213 33
DO_HSYNC
DO_VSYNC
DO_HDISP
LCLK
R3220 10
D3201 1SS355
IC3202 BA033FP
VC
GND
NR
C3201 1u Z 16V
C3203 0.1u Z 25V
C3204 47u 16V ASX
FB3202 0210TA
C3206 0.1u Z 25V
C3207 0.01u
C3208 0.01u
C3209 0.01u
C3210 0.1u Z 25V
IC3201 TLVD823
C3211 0.1u Z 25V
FB3204 0210TA
C3213 0.1u Z 25V
C3214 0.01u
C3215 0.01u
C3216 0.1u 25V Z
FB3206 0210TA
C3217 0.1u Z 25V
C3212 0.01u
R3215 1K
R3214 1K
R3217 1K
R3218 1K
SC3200 NA289WJ
LV
1 GND
2 TA−
3 TA+
4 GND
5 TB−
6 TB+
7 GND
8 TC−
9 TC+
10 GND
11 TCLK−
12 TCLK+
13 GND
14 TD−
15 TD+
16 GND
17 GND
18 TA2−
19 TA2+
20 GND
21 TB2−
22 TB2+
23 GND
24 TC2−
25 TC2+
26 GND
27 TCLK2−
28 TCLK2+
29 GND
30 TD2−
31 TD2+
32 GND
GND
H
G
F
E
D
C
B
A
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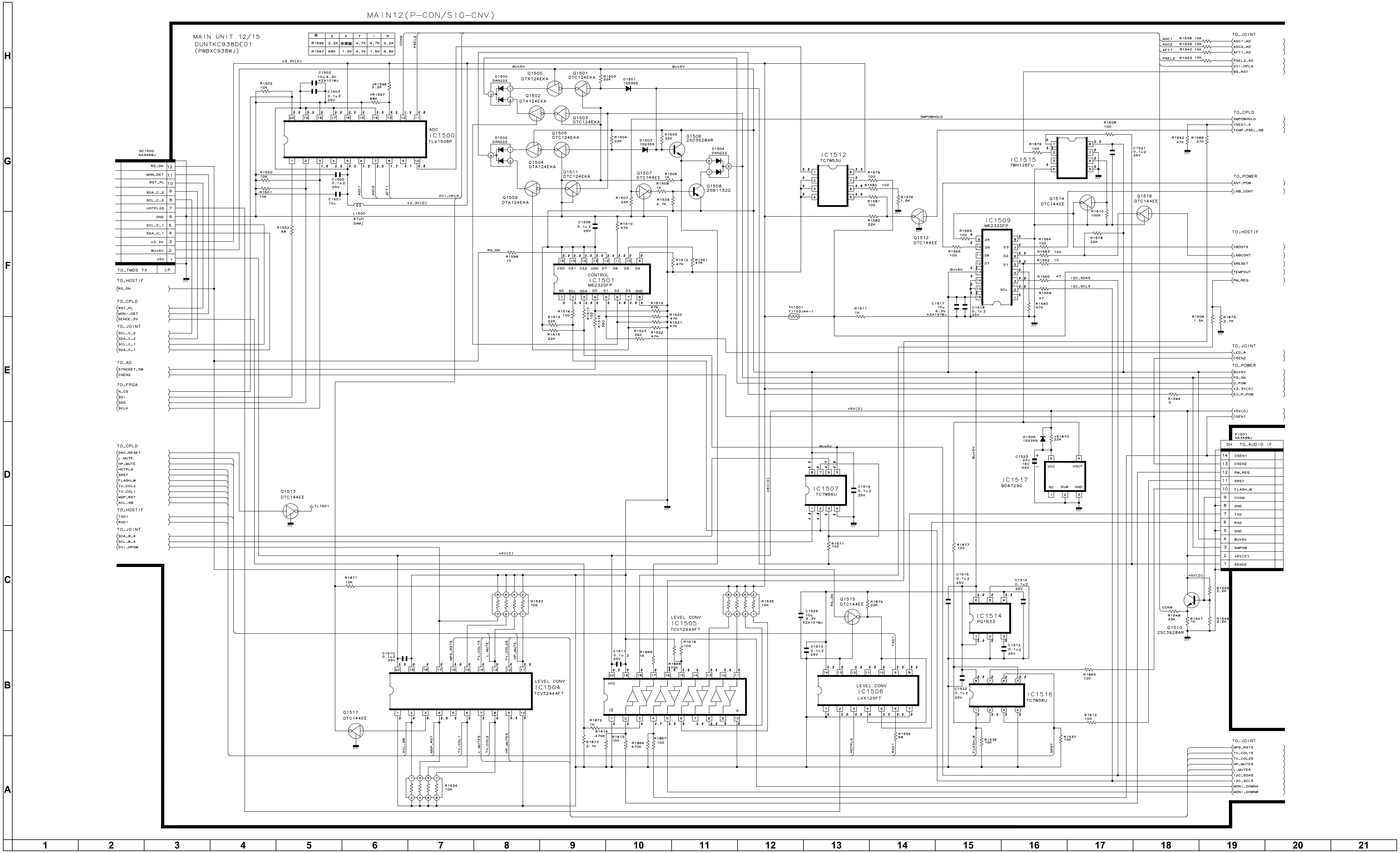
D49

D50

■MAIN Unit-12/14 (AVC)


MAIN12(P-CON/SIG-CNV)
MAIN UNIT 12/15
DUNTKC938DE01
(PWBXC938WJ)
CCKM
PSEL2
+3.3V(D)
BU+5V
+5V(D)
ADC
IC1500
TLV1508P
IC1501
M62320FP
CONTROL
IC1504
TCVT244AFT
LEVEL CONV
IC1505
TCVT244AFT
LEVEL CONV
IC1506
LVX125FT
IC1507
TC7W66U
IC1509
M62320FP
IC1512
TC7W53U
IC1514
PQ1R33
IC1515
7WH126FU
IC1516
TC7W08U
IC1517
BD4729G
Q1500 DTA124EKA
Q1501 DTC124EKA
Q1502 DTA124EKA
Q1503 DTC124EKA
Q1504 DTA124EKA
Q1505 DTC124EKA
Q1506 2SC3928AR
Q1507 DTC144EE
Q1508 2SB1132Q
Q1509 DTA124EKA
Q1510 2SC3928AR
Q1511 DTC124EKA
Q1512 DTC144EE
Q1513 DTC144EE
Q1514 DTC144EE
Q1515 DTC144EE
Q1516 DTC144EE
Q1517 DTC144EE
D1500 DAN222
D1501 1SS355
D1502 DAN222
D1503 1SS355
D1504 DAN222
D1505 1SS355
L1500 47uH D9MJ
TH1501 T1103J44-1
SC1500 NA346WJ
P1501 NA348WJ
RS_ON
MON_DET
RST_PL
SDA_C_2
SCL_C_2
HOTPLGS
GND
SCL_C_1
SDA_C_1
+3.3V
BU+5V
VSV
TO_TMDS TX
LP
TO_HOSTIF
TO_CPLD
TO_JOINT
TO_AD
TO_FPGA
TO_POWER
TO_AUDIO IF
SYNCDET_SW
CSEN2
N_CS
SDI
SDO
SCLK
DAC_RESET
L_MUTE
HP_MUTE
HOTPLG
SRST
FLASH_W
TV_COL2
TV_COL1
MSP_RST
ACL_SW
TXD1
RXD1
SDA_B_4
SCL_B_4
DVI_HPOW
TL1501
AGC1
AGC2
AFT1
AGC1_AD
AGC2_AD
AFT1_AD
PSEL2_AD
DVI_HPLG
BS_RST
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
ANT_POW
LNB_CONT
CBOOTS
LNBCONT
SRESET
TEMPOUT
PM_REQ
I2C_SDA5
I2C_SCL5
LED_R
PS_ON
D_POW
EU_P_POW
CSEN1
SENCE
SMPOW
NC
SUB
VCC
VOUT
MPS_RST5
TV_COL15
TV_COL25
HP_MUTE5
L_MUTE5
I2C_SDA5
I2C_SCL5
MONI_DOWNA
MONI_DOWNB
H
G
F
E
D
C
B
A
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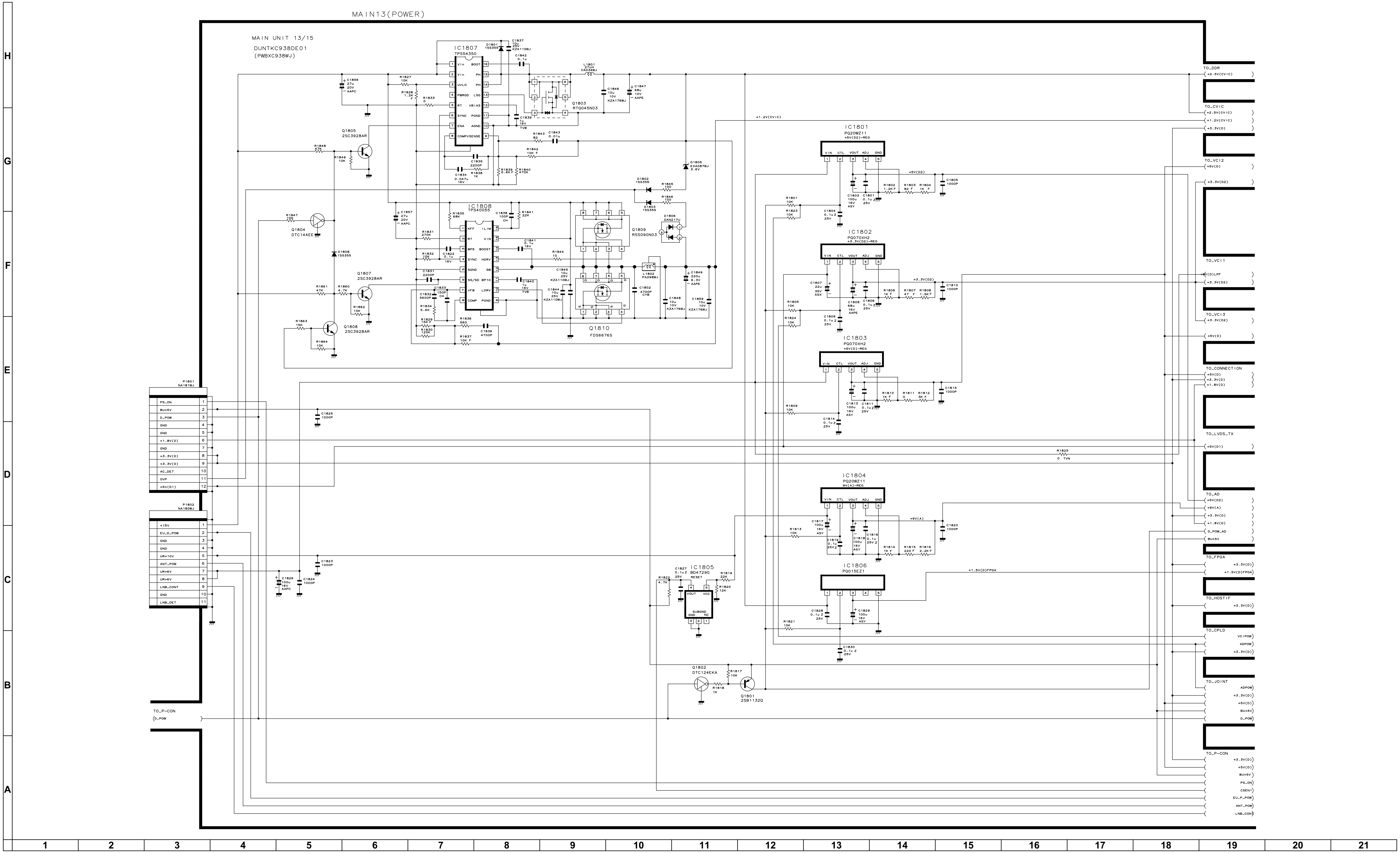
※	E	K	F	I	R
R1596	2.2K	未実装	4.7K	4.7K	2.2K
R1597	68K	1.5K	4.7K	1.5K	6.8K

D51

D52

■MAIN Unit-13/14 (AVC)


MAIN13(POWER)
MAIN UNIT 13/15
DUNTKC938DE01
(PWBXC938WJ)
IC1807
TPS54350
Q1803
RTQ045N03
L1801
IC1808
TPS40055
Q1809
RSS090N03
Q1810
FDS6676S
L1802
PA298WJ
Q1804
DTC144EE
Q1805
2SC3928AR
Q1807
2SC3928AR
Q1808
2SC3928AR
P1801
NA181WJ
PS_ON
BU+5V
D_POW
GND
+1.8V(D)
+3.3V(D)
AC_DET
OVP
+5V(D1)
P1802
NA180WJ
+15V
EU_D_POW
UR+10V
ANT_POW
UR+6V
LNB_CONT
LNB_DET
IC1801
PQ20WZ11
+5V(D2)-REG
IC1802
PQ070XH2
+3.3V(D2)-REG
IC1803
PQ070XH2
+5V(D)-REG
IC1804
PQ20WZ11
9V(A)-REG
IC1805
BD4729G
RESET
IC1806
PQ015EZ1
Q1802
DTC124EKA
Q1801
2SB1132Q
+1.2V(CVIC)
+5V(D2)
+3.3V(D2)
+9V(A)
+1.5V(D)FPGA
TO_DDR
+2.5V(CVIC)
TO_CVIC
+1.2V(CVIC)
+3.3V(D)
TO_VCI2
+5V(D)
TO_VCI1
+5V(D)LPF
TO_VCI3
TO_CONNECTION
TO_LVDS_TX
+5V(D1)
TO_AD
+1.8V(D)
D_POW_AD
BU+5V
TO_FPGA
+1.5V(D)FPGA
TO_HOSTIF
TO_CPLD
VC(POW)
ADPOW
TO_JOINT
D_POW
TO_P-CON
PS_ON
CSEN1
EU_P_POW
ANT_POW
LNB_CONT
R1825
0 TVN
H
G
F
E
D
C
B
A
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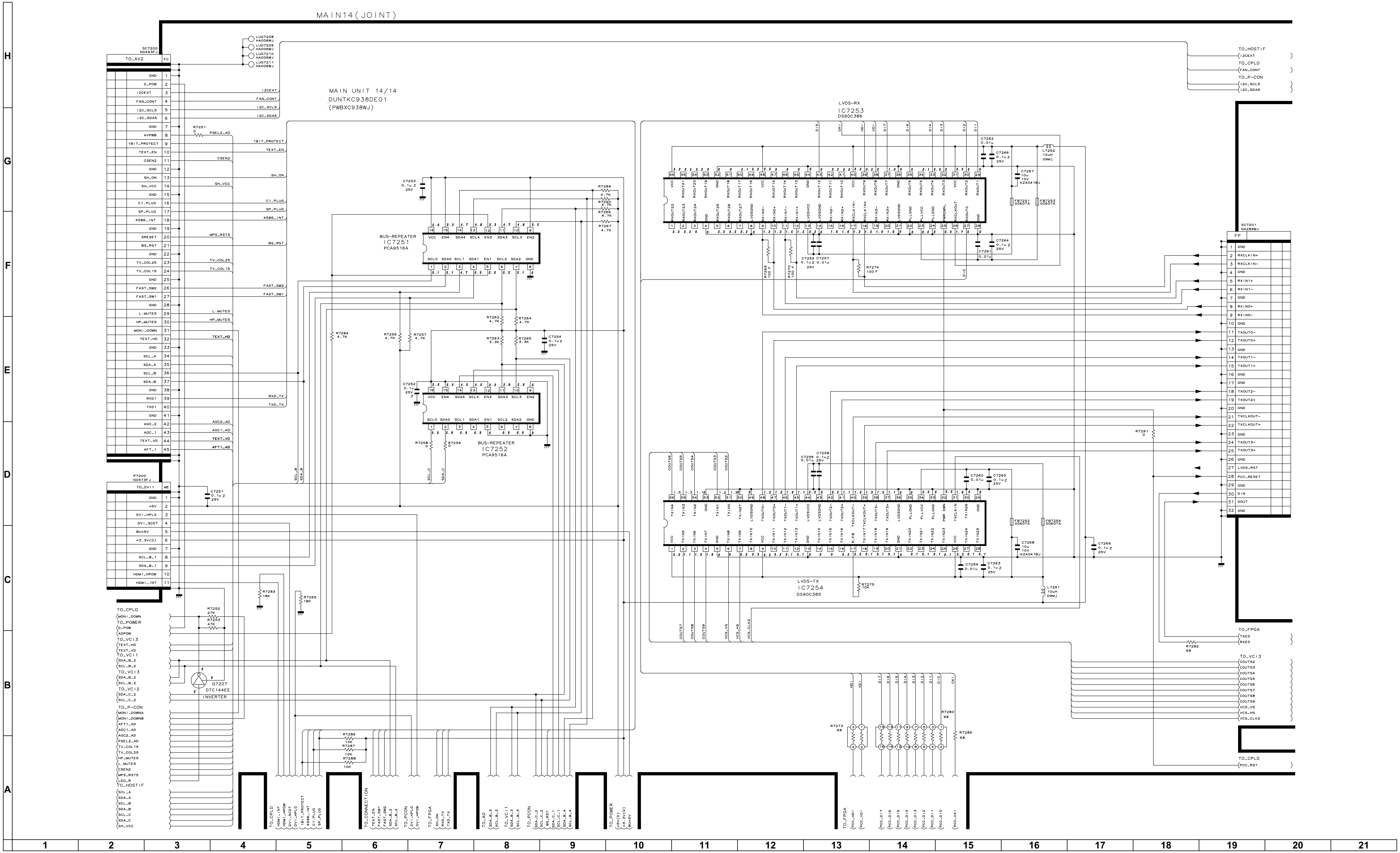
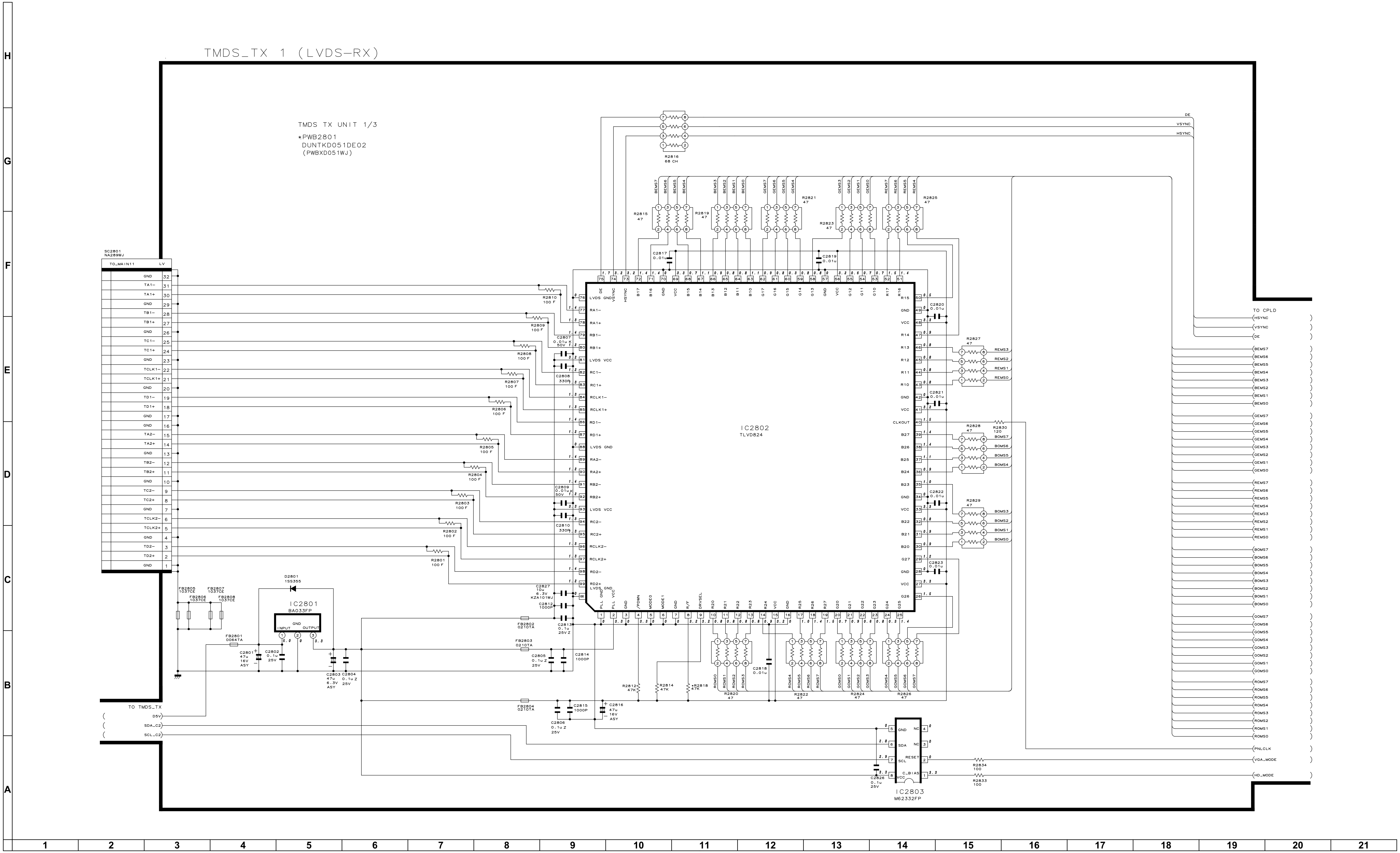
■MAIN Unit-14/14 (AVC)


MAIN14(JOINT)
MAIN UNIT 14/14
DUNTKC938DE01
(PWBXC938WJ)
SC7200
N0493FJ
TO_AV2
LUG7208 HA006WJ
LUG7209 HA006WJ
LUG7210 HA006WJ
LUG7211 HA006WJ
GND
D_POW
I2CEXT
FAN_CONT
I2C_SCL5
I2C_SDA5
AVPWB
1BIT_PROTECT
TEXT_EN
CSEN2
SH_ON
SH_VCC
C1_PLUG
SP_PLUG
4586_INT
SRESET
BS_RST
TV_COL25
TV_COL15
FAST_SW2
FAST_SW1
L_MUTE5
HP_MUTE5
MONI_DOWN
TEXT_HD
SCL_A
SDA_A
SCL_B
SDA_B
RXD1
TXD1
AGC_2
AGC_1
TEXT_VD
AFT_1
R7251
PSEL2_AD
MPS_RST5
RXD_TX
TXD_TX
AGC2_AD
AGC1_AD
AFT1_AD
P7200
N0573FJ
TO_DVI1
+5V
DVI_HPLG
DVI_SCDT
BU+5V
+3.3V(D)
SCL_B_1
SDA_B_1
HDMI_HPOW
HDMI_INT
C7251 0.1u Z 25V
R7283 18K
R7255 18K
R7252 27K
R7253 47K
Q7207
DTC144EE
INVERTER
TO_CPLD
TO_POWER
TO_VCI3
TO_VCI1
TO_VCI2
TO_P-CON
TO_HOSTIF
BUS-REPEATER
IC7251
PCA9516A
BUS-REPEATER
IC7252
PCA9516A
VCC EN4 SDA4 SCL4 EN3 SDA3 SCL3 EN2
SCL0 SDA0 SCL1 SDA1 EN1 SCL2 SDA2 GND
C7253 0.1u Z 25V
C7252 0.1u 25V Z
C7254 0.1u Z 25V
R7289 4.7K
R7290 4.7K
R7266 4.7K
R7267 4.7K
R7262 4.7K
R7264 4.7K
R7263 3.3K
R7265 3.3K
R7284 4.7K
R7256 4.7K
R7257 4.7K
R7258
R7259
R7286 10K
R7287 10K
R7288 10K
LVDS-RX
IC7253
DS90C386
LVDS-TX
IC7254
DS90C385
C7262 0.01u
C7266 0.1u Z 25V
C7267 10u 10V KZA041WJ
L7252 10uH D9MJ
FB7251 0060TA
FB7253 0060TA
C7264 0.1u Z 25V
C7261 0.01u
C7255 0.1u Z 25V
C7257 0.01u
R7269 100 F
R7270 100 F
R7274 100 F
C7256 0.01u
C7258 0.1u Z 25V
C7260 0.01u
C7265 0.1u Z 25V
FB7252 0060TA
FB7254 0060TA
C7268 10u 10V KZA041WJ
C7269 0.1u Z 25V
C7259 0.01u
C7263 0.1u Z 25V
R7275 10K
L7251 10uH D9MJ
R7291 0
R7282 68
R7273 68
R7280 68
R7285 68
SC7201
NA2898WJ
FP
RXCLKIN+
RXCLKIN-
RXIN1+
RXIN1-
RXIN0+
RXIN0-
TXOUT0-
TXOUT0+
TXOUT1-
TXOUT1+
TXOUT2-
TXOUT2+
TXCLKOUT-
TXCLKOUT+
TXOUT3-
TXOUT3+
LVDS_RST
PCC_RESET
DIN
DOUT
TO_HOSTIF
I2CEXT
TO_CPLD
FAN_CONT
TO_P-CON
I2C_SCL5
I2C_SDA5
TO_FPGA
TXD3
RXD3
TO_VCI3
COUTS2
COUTS3
COUTS4
COUTS5
COUTS6
COUTS7
COUTS8
COUTS9
VCS_VS
VCS_HS
VCS_CLK2
TO_CPLD
PCC_RST
TO_CPLD
TO_CONNECTION
TO_PCON
TO_FPGA
TO_AD
TO_VCI1
TO_PCON
TO_POWER
+5V(D)
+3.3V(D)
BU+5V
TO_FPGA
PCC_HD1
PCC_VD1
PCC_D17
PCC_D16
PCC_D15
PCC_D14
PCC_D13
PCC_D12
PCC_D11
PCC_D10
PCC_CK1
A B C D E F G H
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

D55

D56

■TMDS_TX Unit-1/3 (AVC)


TMDS_TX 1 (LVDS-RX)
TMDS TX UNIT 1/3
*PWB2801
DUNTKD051DE02
(PWBXD051WJ)
SC2801
NA289WJ
TO_MAIN11
LV
GND
TA1-
TA1+
TB1-
TB1+
TC1-
TC1+
TCLK1-
TCLK1+
TD1-
TD1+
TA2-
TA2+
TB2-
TB2+
TC2-
TC2+
TCLK2-
TCLK2+
TD2-
TD2+
IC2802
TLVD824
IC2801
BA033FP
INPUT
GND
OUTPUT
IC2803
M62332FP
D2801
1SS355
R2816
68 CH
DE
VSYNC
HSYNC
TO CPLD
PNLCLK
VGA_MODE
HD_MODE
TO TMDS_TX
D5V
SDA_C2
SCL_C2
FB2801
0064TA
FB2802
0210TA
FB2803
0210TA
FB2804
0210TA
FB2805
1037CE
FB2806
1037CE
FB2807
1037CE
FB2808
1037CE
R2830
120
R2833
100
R2834
100
C2826
0.1u
25V
H
G
F
E
D
C
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A
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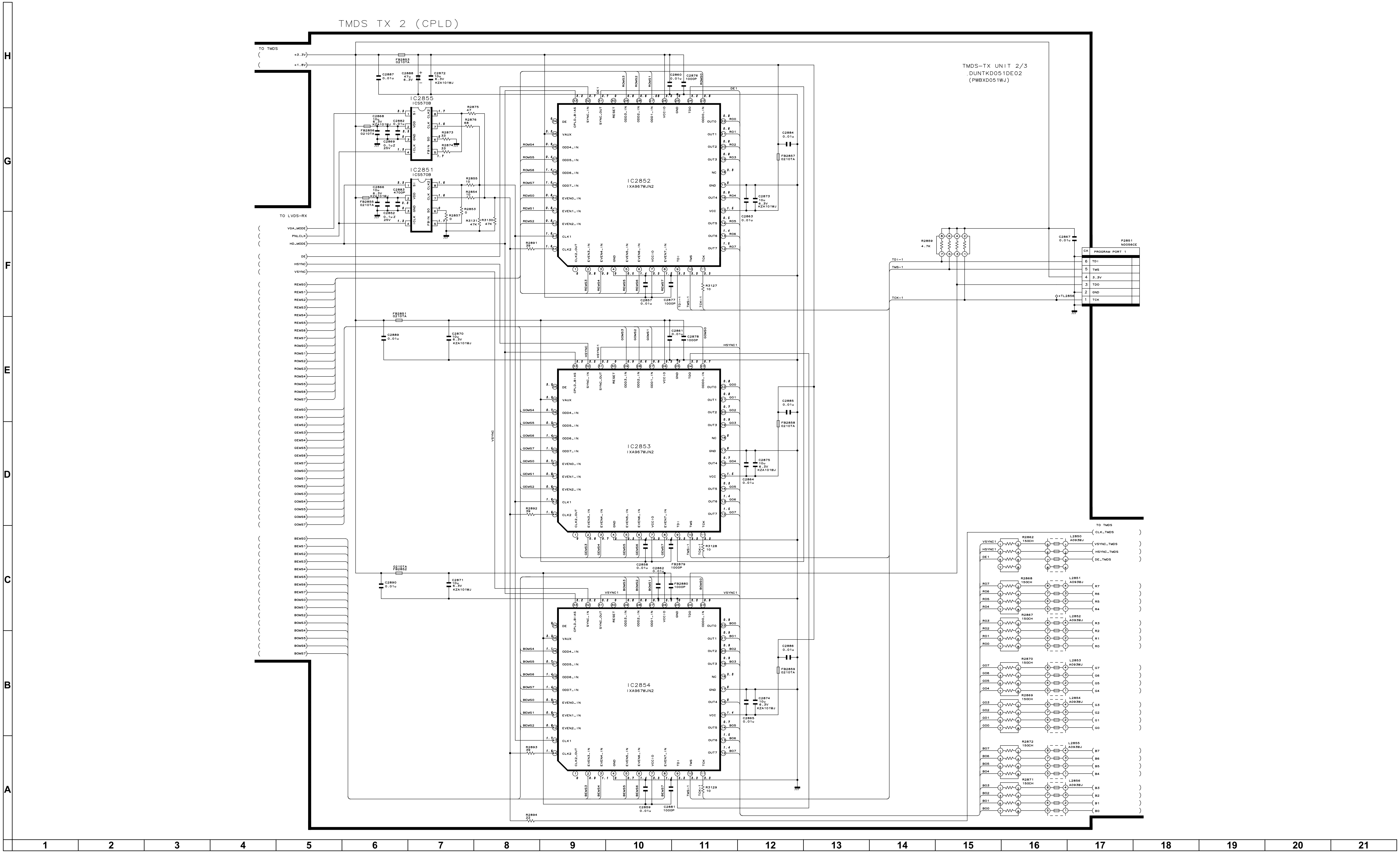
■TMDS_TX Unit-2/3 (AVC)


TMDS TX 2 (CPLD)
TMDS-TX UNIT 2/3
.DUNTKD051DE02
(PWBXD051WJ)
TO TMDS
+3.3V
+1.8V
TO LVDS-RX
VGA_MODE
PNLCLK
HD_MODE
DE
HSYNC
VSYNC
IC2855
ICS570B
IC2851
ICS570B
IC2852
IXA967WJN2
IC2853
IXA967WJN2
IC2854
IXA967WJN2
P2851
N0056CE
PROGRAM PORT 1
TDI
TMS
3.3V
TDO
GND
TCK
TDI-1
TMS-1
TCK-1
TL2856
R2859
4.7K
FB2853
FB2851
FB2852
FB2857
FB2858
FB2859
0210TA
R2862
R2866
R2867
R2870
R2869
R2872
R2871
150CH
L2850
L2851
L2852
L2853
L2854
L2855
L2856
A093WJ
CLK_TMDS
VSYNC_TMDS
HSYNC_TMDS
DE_TMDS
VSYNC1
HSYNC1
DE1
R7
R6
R5
R4
R3
R2
R1
R0
G7
G6
G5
G4
G3
G2
G1
G0
B7
B6
B5
B4
B3
B2
B1
B0
H
G
F
E
D
C
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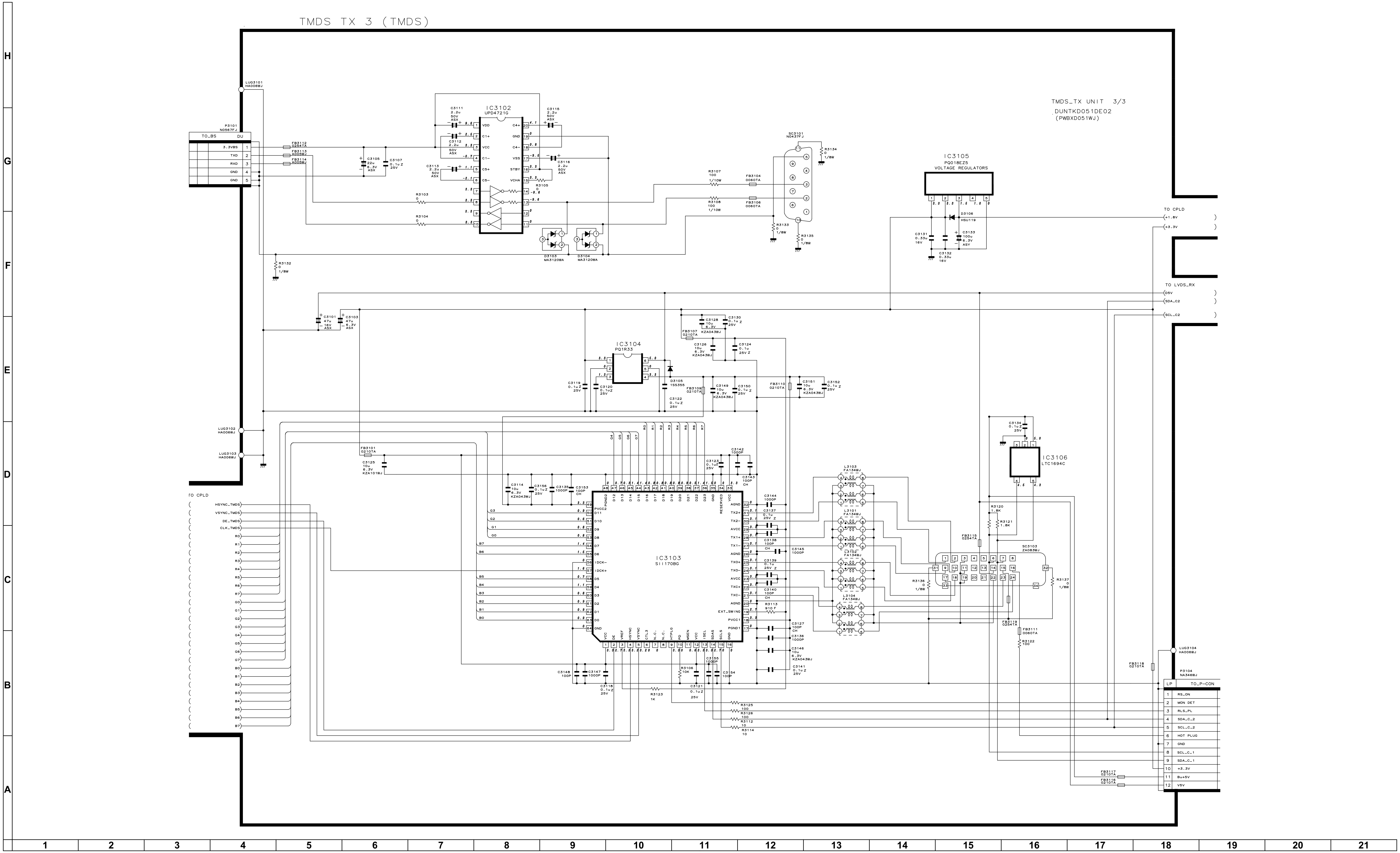
■TMDS_TX Unit-3/3 (AVC)


TMDS TX 3 (TMDS)
TMDS_TX UNIT 3/3
DUNTKD051DE02
(PWBXD051WJ)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
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11
12
13
14
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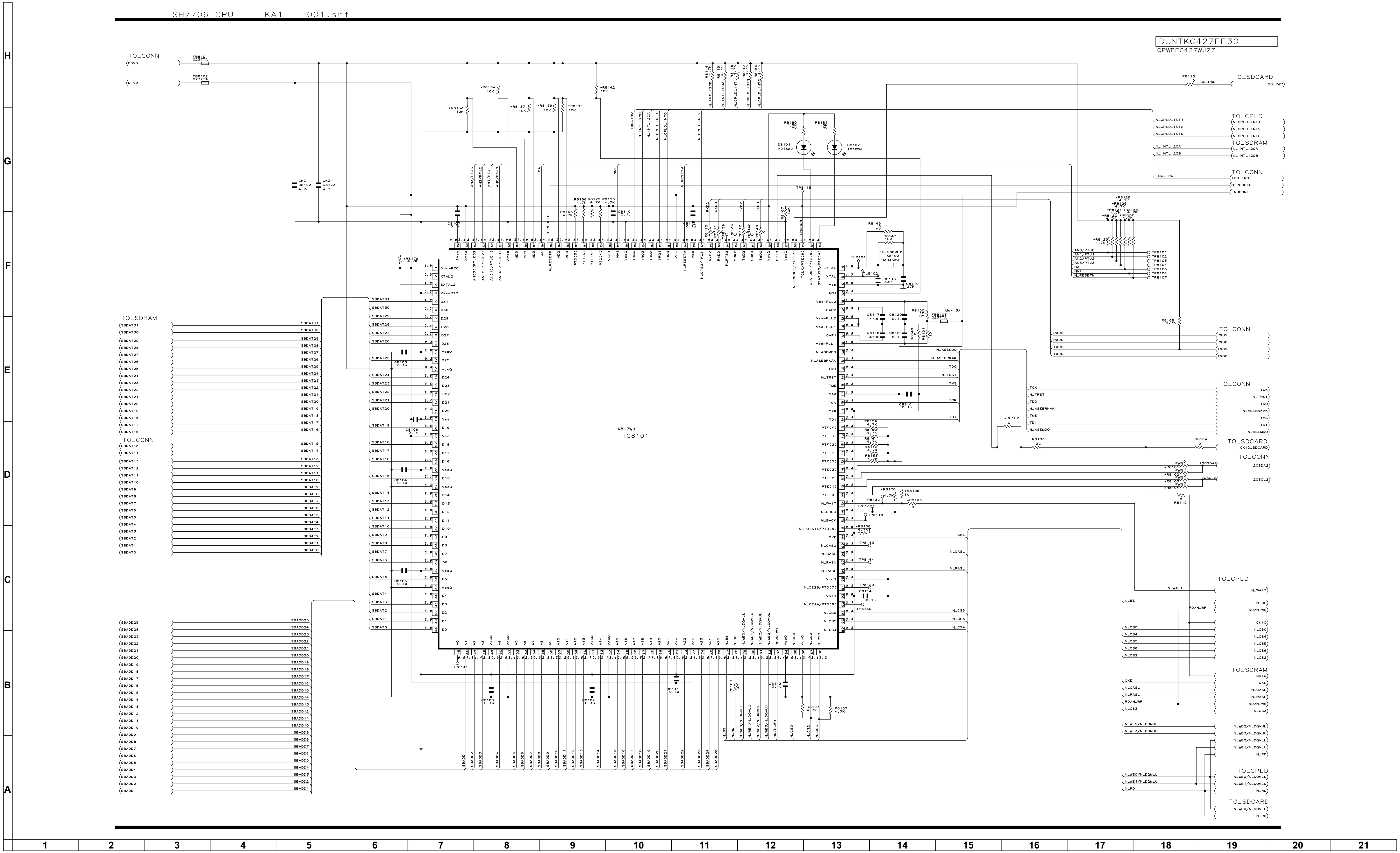
16
17
18
19
20
21
LUG3101 HA006WJ
P3101 N0567FJ
TO_BS DU
3.3VBS 1
TXD 2
RXD 3
GND 4
GND 5
FB3112 0254TA
FB3113 A005WJ
FB3114 A005WJ
C3105 22u 6.3V ASX
C3107 0.1u Z 25V
IC3102 UPD4721G
VDD C1+ VCC C1− C5+ C5− C4+ GND C4− VSS STBY VCHA
C3111 2.2u 50V ASX
C3112 2.2u 50V ASX
C3113 2.2u 50V ASX
C3115 2.2u 50V ASX
C3116 2.2u 50V ASX
R3103 0
R3104 0
R3105 0
D3103 MA3120WA
D3104 MA3120WA
R3132 0 1/8W
SC3101 N0437FJ
R3107 100 1/10W
R3108 100 1/10W
FB3104 0060TA
FB3106 0060TA
R3133 0 1/8W
R3134 0 1/8W
R3135 0 1/8W
IC3105 PQ018EZ5 VOLTAGE REGULATORS
D3106 HSU119
C3131 0.33u 16V
C3132 0.33u 16V
C3133 100u 6.3V ASY
TO CPLD
+1.8V
+3.3V
TO LVDS_RX
D5V
SDA_C2
SCL_C2
C3101 47u 16V ASX
C3103 47u 6.3V ASX
IC3104 PQ1R33
C3119 0.1u Z 25V
C3120 0.1u Z 25V
D3105 1SS355
C3122 0.1u Z 25V
FB3107 0210TA
C3128 10u 6.3V KZA043WJ
C3130 0.1u Z 25V
C3126 10u 6.3V KZA043WJ
C3124 0.1u 25V Z
FB3109 0210TA
C3149 10u 6.3V KZA043WJ
C3150 0.1u Z 25V
FB3110 0210TA
C3151 10u 6.3V KZA043WJ
C3152 0.1u Z 25V
LUG3102 HA006WJ
LUG3103 HA006WJ
FB3101 0210TA
C3125 10u 6.3V KZA101WJ
IC3103 SII170BG
PGND2 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 GND RESERVED VCC
PVCC2 D11 D10 D9 D8 D7 D6 IDCK− IDCK+ D5 D4 D3 D2 D1 D0 GND
AGND TX2+ TX2− AVCC TX1+ TX1− AGND TX0+ TX0− AVCC TXC+ TXC− AGND EXT_SWING PVCC1 PGND1
VCC DE VREF HSYNC VSYNC CTL3 N.C. N.C. HTPLG PD MSEN VCC ISEL SDAS SCLS GND
C3114 10u 6.3V KZA043WJ
C3156 0.1u Z 25V
C3135 1000P
C3153 100P CH
C3123 0.1u Z 25V
C3142 1000P
C3143 100P CH
C3144 1000P
C3137 0.1u 25V Z
C3138 100P CH
C3145 1000P
C3139 0.1u 25V Z
C3140 100P CH
R3113 910 F
C3127 100P CH
C3136 1000P
C3146 10u 6.3V KZA043WJ
C3141 0.1u Z 25V
C3148 100P
C3147 1000P
C3118 0.1u Z 25V
R3106 10K
C3155 1000P
C3154 100P
C3121 0.1u Z 25V
R3123 1K
R3125 100
R3126 100
R3112 10
R3114 10
TO CPLD
HSYNC_TMDS
VSYNC_TMDS
DE_TMDS
CLK_TMDS
R0 R1 R2 R3 R4 R5 R6 R7
G0 G1 G2 G3 G4 G5 G6 G7
B0 B1 B2 B3 B4 B5 B6 B7
L3103 FA134WJ
L3101 FA134WJ
L3102 FA134WJ
L3104 FA134WJ
IC3106 LTC1694C
C3134 0.1u Z 25V
R3120 1.8K
R3121 1.8K
FB3115 0254TA
SC3103 ZA083WJ
R3136 0 1/8W
R3137 0 1/8W
FB3119 0254TA
FB3111 0060TA
R3122 100
LUG3104 HA006WJ
FB3118 0210TA
P3104 NA346WJ
LP TO_P-CON
1 RS_ON
2 MON DET
3 RLS_PL
4 SDA_C_2
5 SCL_C_2
6 HOT PLUG
7 GND
8 SCL_C_1
9 SDA_C_1
10 +3.3V
11 Bu+5V
12 V5V
FB3117 0210TA
FB3116 0210TA

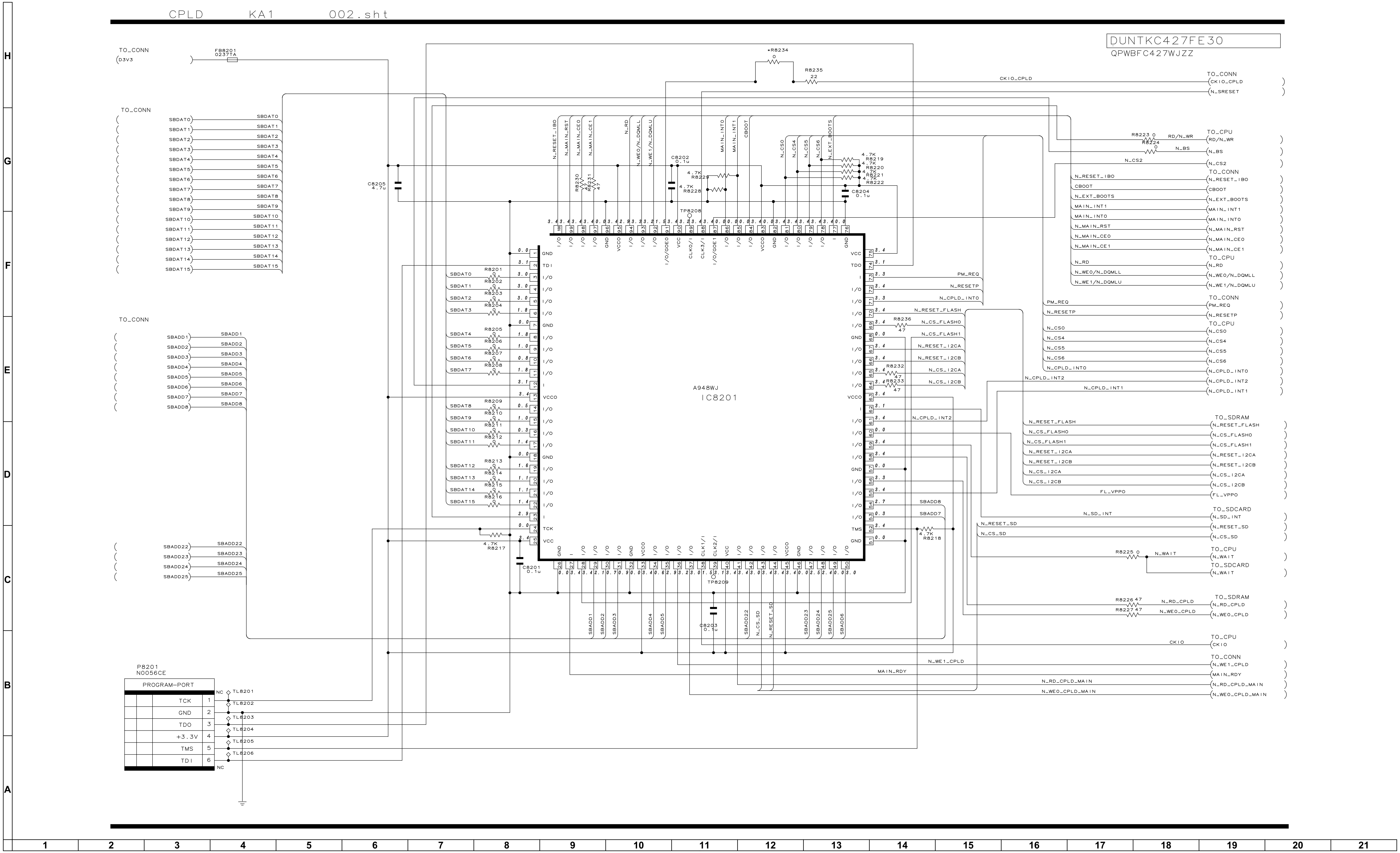
D61

D62

■CPU Unit-1/5 (AVC)


SH7706 CPU KA1 001.sht
DUNTKC427FE30
QPWBFC427WJZZ
TO_CONN
(D3V3)
(D1V9)
FB8101 0237TA
FB8102 0237TA
FB8103 0237TA
CKZ C8122 4.7u
CKZ C8123 4.7u
R8134 10K
R8142 10K
R8133 10K
R8137 10K
R8139 10K
R8141 10K
R8114 4.7K
R8115 4.7K
R8116 4.7K
R8117 4.7K
R8156 4.7K
R8180 1.5K
R8181 1.5K
D8101 A018WJ
D8102 A018WJ
TP8115
R8145
R8147 10M
12.288MHz X8102 CA045WJ
C8115 33P
C8119 27P
TL8101
TL8102
C8117 470P
C8118 470P
C8120 0.1u
C8121 0.1u
R8150 10
Max 3A
C8116 0.1u
C8107 0.1u
C8110 0.1u
C8103 0.1u
C8106 0.1u
C8104 0.1u
C8105 0.1u
C8108 0.1u
C8109 0.1u
C8111 0.1u
C8113 0.1u
C8114 0.1u
R8179 4.7K
R8165 4.7K
R8166 4.7K
R8172 4.7K
R8173 4.7K
R8159 4.7K
R8160 4.7K
R8161 4.7K
R8162 4.7K
R8163 4.7K
R8170 4.7K
R8106 1K
R8105 0
R8108
R8109
R8107 4.7K
R8157 4.7K
R8182 0
R8183 22
R8164 0
R8168 4.7K
R8119 0
R8101 R8102 R8103 R8104
R8113 0
R8128 4.7K
R8126 4.7K
R8124 4.7K
R8154 4.7K
R8122 4.7K
R8152 4.7K
R8125 4.7K
A817WJ
IC8101
TP8101 TP8102 TP8103 TP8104 TP8105 TP8106 TP8107
TP8132 TP8131 TP8118 TP8143 TP8144 TP8129 TP8130 TP8141
TO_SDCARD
SD_PWR
TO_CPLD
N_CPLD_INT1
N_CPLD_INT2
N_CPLD_INT0
TO_SDRAM
N_INT_I2CA
N_INT_I2CB
TO_CONN
IBO_IRQ
N_RESETP
LNBCONT
TO_CONN
RXD2
RXD0
TXD2
TXD0
TO_CONN
TCK
N_TRST
TDO
N_ASEBRKAK
TMS
TDI
N_ASEMDO
TO_SDCARD
CKIO_SDCARD
TO_CONN
I2CSDA2
I2CSCL2
TO_CPLD
N_WAIT
N_BS
RD/N_WR
CKIO
N_CS0
N_CS4
N_CS5
N_CS6
N_CS2
TO_SDRAM
CKIO
CKE
N_CASL
N_RASL
RD/N_WR
N_CS3
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_RD
TO_CPLD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_RD
TO_SDCARD
N_WE0/N_DQMLL
N_RD
TO_SDRAM
SBDAT31 … SBDAT0
TO_CONN
SBADD25 … SBADD1
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■CPU Unit-2/5 (AVC)



CPLD KA1 002.sht
DUNTKC427FE30
QPWBFC427WJZZ
TO_CONN
D3V3
FB8201
0237TA
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBADD22
SBADD23
SBADD24
SBADD25
C8205 4.7u
C8202 0.1u
C8204 0.1u
C8201 0.1u
C8203 0.1u
TP8208
TP8209
*R8234 0
R8235 22
R8236 47
R8232 47
R8233 47
R8217 4.7K
R8218 4.7K
R8219
R8220
R8221
R8222
R8228 4.7K
R8229 4.7K
R8230
R8231
R8223 0
R8224 0
R8225 0
R8226 47
R8227 47
R8201
R8202
R8203
R8204
R8205
R8206
R8207
R8208
R8209
R8210
R8211
R8212
R8213
R8214
R8215
R8216
A948WJ
IC8201
GND
TDI
TDO
TCK
TMS
VCC
VCCO
I/O
CLK0/I
CLK1/I
CLK2/I
CLK3/I
I/O/GOE0
I/O/GOE1
N_RESET_IBO
N_MAIN_RST
N_MAIN_CE0
N_MAIN_CE1
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
MAIN_INT0
MAIN_INT1
CBOOT
N_CS0
N_CS4
N_CS5
N_CS6
N_EXT_BOOTS
CKIO_CPLD
N_SRESET
TO_CPU
RD/N_WR
N_BS
N_CS2
PM_REQ
N_RESETP
N_CPLD_INT0
N_CPLD_INT1
N_CPLD_INT2
N_RESET_FLASH
N_CS_FLASH0
N_CS_FLASH1
N_RESET_I2CA
N_RESET_I2CB
N_CS_I2CA
N_CS_I2CB
TO_SDRAM
FL_VPPO
TO_SDCARD
N_SD_INT
N_RESET_SD
N_CS_SD
N_WAIT
N_RD_CPLD
N_WE0_CPLD
CKIO
N_WE1_CPLD
MAIN_RDY
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
P8201
N0056CE
PROGRAM-PORT
TCK 1
GND 2
TDO 3
+3.3V 4
TMS 5
TDI 6
NC
TL8201
TL8202
TL8203
TL8204
TL8205
TL8206
H
G
F
E
D
C
B
A
1
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3
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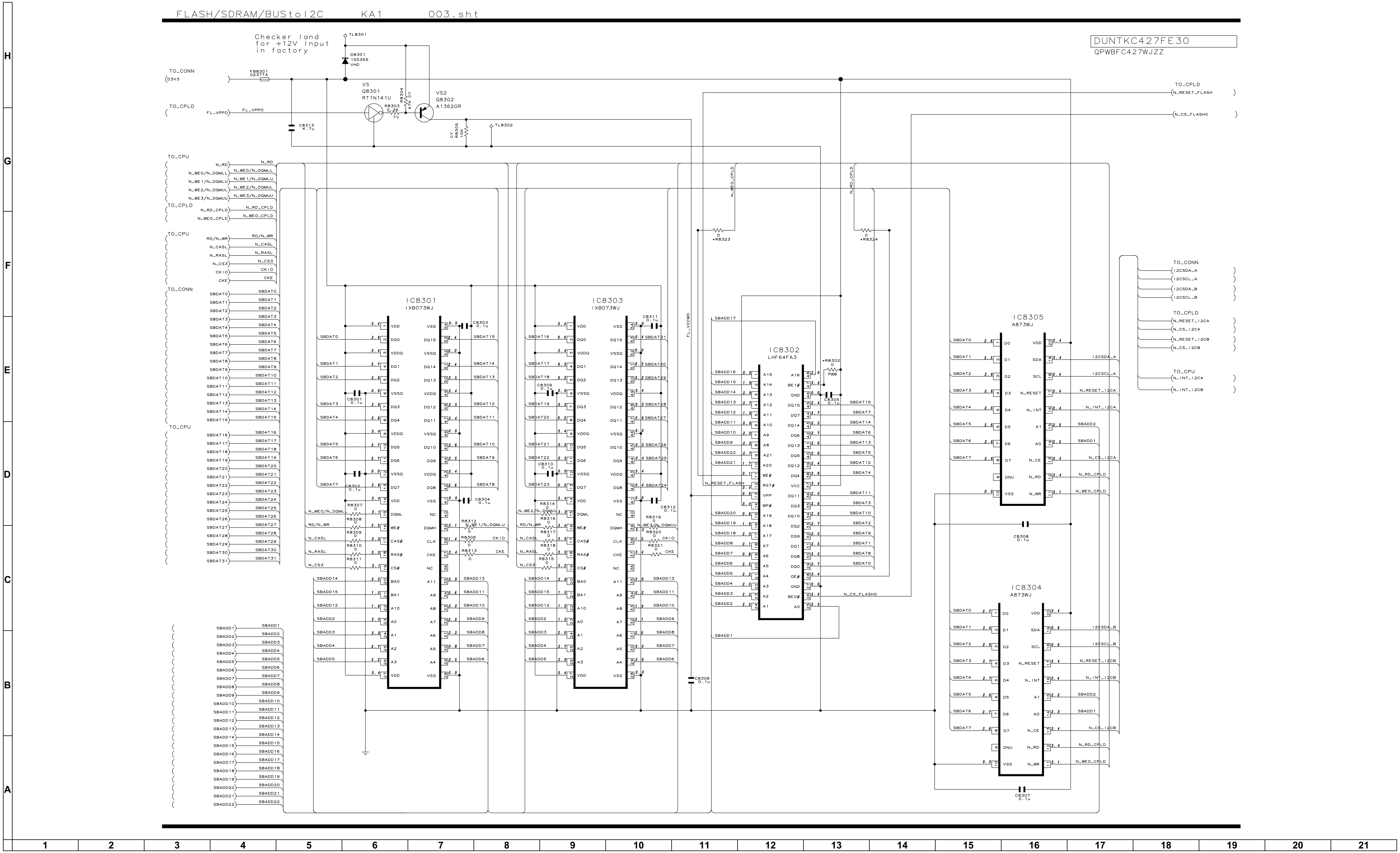
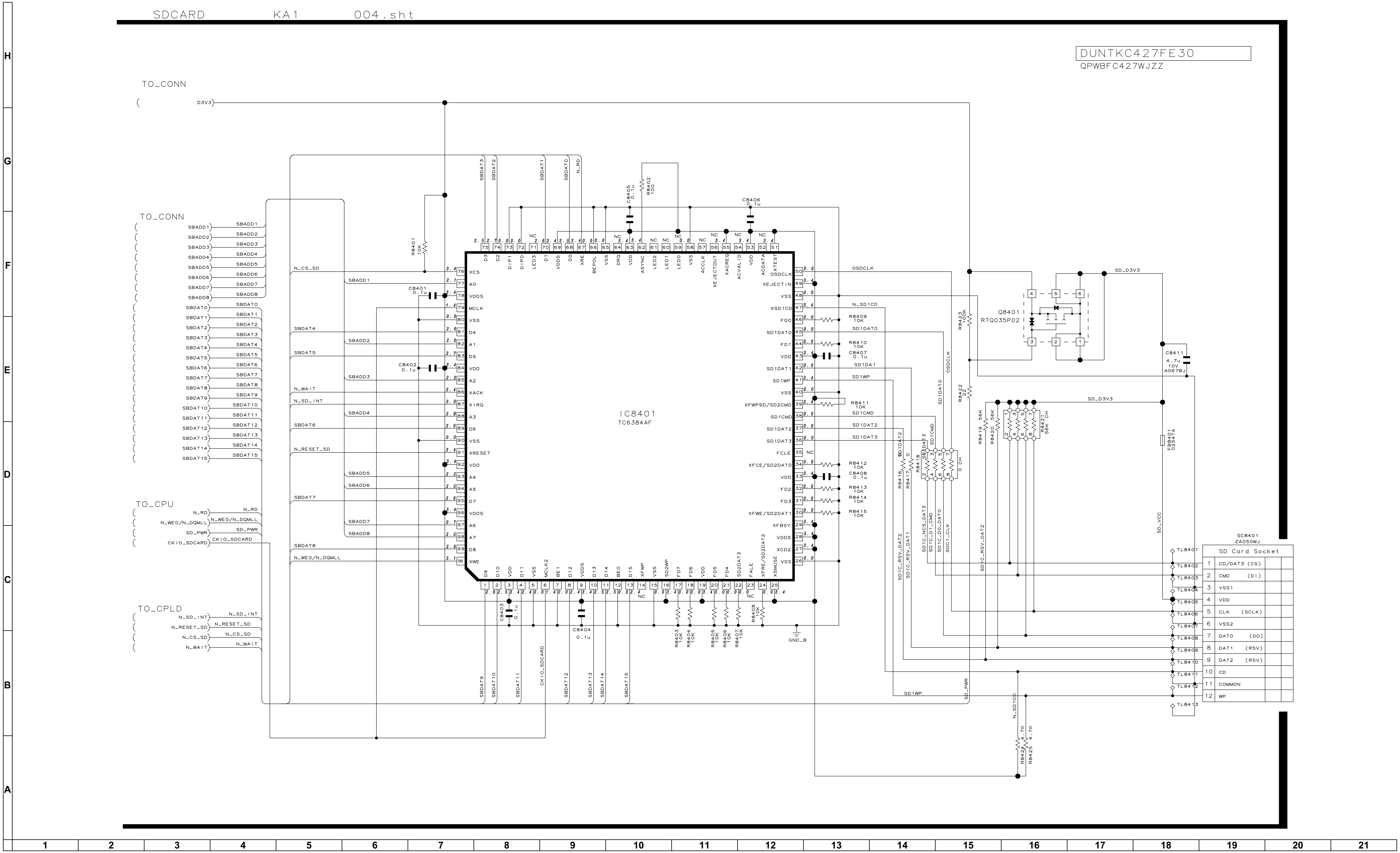
D65 D66

■CPU Unit-3/5 (AVC)


FLASH/SDRAM/BUStoI2C KA1 003.sht
DUNTKC427FE30
QPWBFC427WJZZ
Checker land for +12V Input in factory
TL8301
D8301 1SS355 VHD
TO_CONN
D3V3
FB8301 0237TA
VS Q8301 RT1N141U
R8303 2.2K TV
R8304 47K CY
VS2 Q8302 A1362GR
R8305 10K CY
TL8302
TO_CPLD
FL_VPPO
C8313 4.7u
TO_CPU
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_RD_CPLD
N_WE0_CPLD
RD/N_WR
N_CASL
N_RASL
N_CS3
CKIO
CKE
SBDAT0 – SBDAT31
SBADD1 – SBADD22
IC8301 IXB073WJ
IC8303 IXB073WJ
IC8302 LHF64FA3
IC8305 A873WJ
IC8304 A873WJ
C8301 C8302 C8303 C8304 C8305 C8306 C8307 C8308 C8309 C8310 C8311 C8312 0.1u
R8302 PWB
R8306 R8307 R8308 R8309 R8310 R8311 R8312 R8313 R8314 R8315 R8316 R8317 R8318 R8319 R8320 R8321
R8323 R8324
N_RESET_FLASH
N_CS_FLASH0
FL_VCCW0
I2CSDA_A
I2CSCL_A
I2CSDA_B
I2CSCL_B
N_RESET_I2CA
N_CS_I2CA
N_RESET_I2CB
N_CS_I2CB
N_INT_I2CA
N_INT_I2CB
A B C D E F G H
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

D67 D68

■CPU Unit-4/5 (AVC)


SDCARD
KA1
004.sht
DUNTKC427FE30
QPWBFC427WJZZ
TO_CONN
D3V3
TO_CONN
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
TO_CPU
N_RD
N_WE0/N_DQMLL
SD_PWR
CKIO_SDCARD
TO_CPLD
N_SD_INT
N_RESET_SD
N_CS_SD
N_WAIT
R8401
10K
C8401
0.1u
C8402
0.1u
C8403
0.1u
C8404
0.1u
C8405
0.1u
R8402
100
C8406
0.1u
IC8401
TC6384AF
XCS
A0
VDDS
MCLK
VSS
D4
A1
D5
VDD
A2
XACK
XIRQ
A3
D6
XRESET
A4
A5
D7
A6
A7
D8
XWE
D3
D2
DIP1
DIP0
LED3
D1
D0
XRE
BEPOL
DRQ
ASYNC
LED2
LED1
LED0
ACCLK
XEJECTOUT
XACREQ
ACVALID
ACDATA
XTEST
OSDCLK
XEJECTIN
XSD1CD
FD0
SD1DAT0
FD1
SD1DAT1
SD1WP
XFWPSD/SD2CMD
SD1CMD
SD1DAT2
SD1DAT3
FCLE
XFCE/SD2DAT0
FD2
FD3
XFWE/SD2DAT1
XFBSY
XCD2
D9
D10
D11
MCLK2
BE1
D12
D13
D14
BE0
D15
XFWP
SD2WP
FD7
FD6
FD5
FD4
SD2DAT3
FALE
XFRE/SD2DAT2
XSMUSE
NC
R8403 10K
R8404 10K
R8405 10K
R8406 10K
R8407 10K
R8408 10K
GND_B
R8409 10K
R8410 10K
C8407 0.1u
R8411 10K
R8412 10K
C8408 0.1u
R8413 10K
R8414 10K
R8415 10K
OSDCLK
N_SD1CD
SD1DAT0
SD1DA1
SD1WP
SD1CMD
SD1DAT2
SD1DAT3
R8416
R8417 0
R8418
0 CH
SD1C_NCS_DAT3
SD1C_D1_CMD
SD1C_D0_DAT0
SDC1_CLK
SD1C_RSV_DAT2
SD1C_RSV_DAT1
SD1C_RSV_DAT2
R8423 100K
R8422 22
Q8401
RTQ035P02
SD_D3V3
C8411
4.7u
10V
A067WJ
R8419 56K
R8420 56K
R8421 56K CH
FB8401
0254TA
SD_VCC
SD_PWR
SD1WP
N_SD1CD
R8424 4.7K
R8425 4.7K
SC8401
ZA050WJ
SD Card Socket
TL8401
TL8402
TL8403
TL8404
TL8405
TL8406
TL8407
TL8408
TL8409
TL8410
TL8411
TL8412
TL8413
1 CD/DAT3 (CS)
2 CMD (DI)
3 VSS1
4 VDD
5 CLK (SCLK)
6 VSS2
7 DAT0 (DO)
8 DAT1 (RSV)
9 DAT2 (RSV)
10 CD
11 COMMON
12 WP
H
G
F
E
D
C
B
A
1
2
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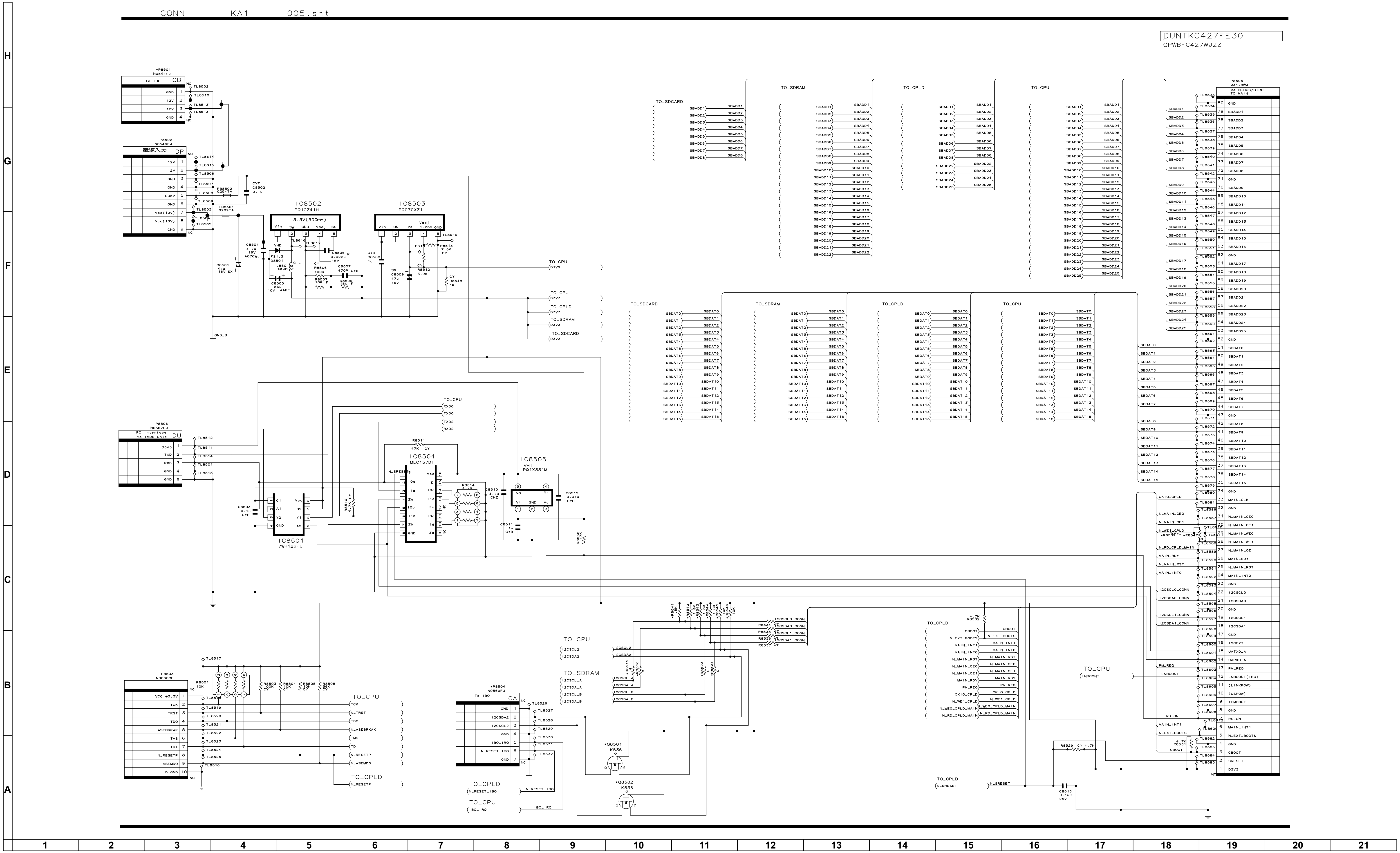
D69

D70

■CPU Unit-5/5 (AVC)


CONN KA1 005.sht
DUNTKC427FE30
QPWBFC427WJZZ
P8501 N0541FJ
To IBO CB
P8502 N0546FJ
電源入力 DP
IC8502 PQ1CZ41H
3.3V(500mA)
IC8503 PQ070XZ1
TO_CPU
TO_CPLD
TO_SDRAM
TO_SDCARD
P8506 N0567FJ
PC Interface to TMDS-Unit DU
IC8504 MLC157DT
IC8505 VHi PQ1X331M
IC8501 7WH126FU
P8503 N0060CE
P8504 N0569FJ
To IBO CA
Q8501 K536
Q8502 K536
P8505 MA170WJ
MAIN-BUS/CTROL TO MAIN
GND_B
H
G
F
E
D
C
B
A
1
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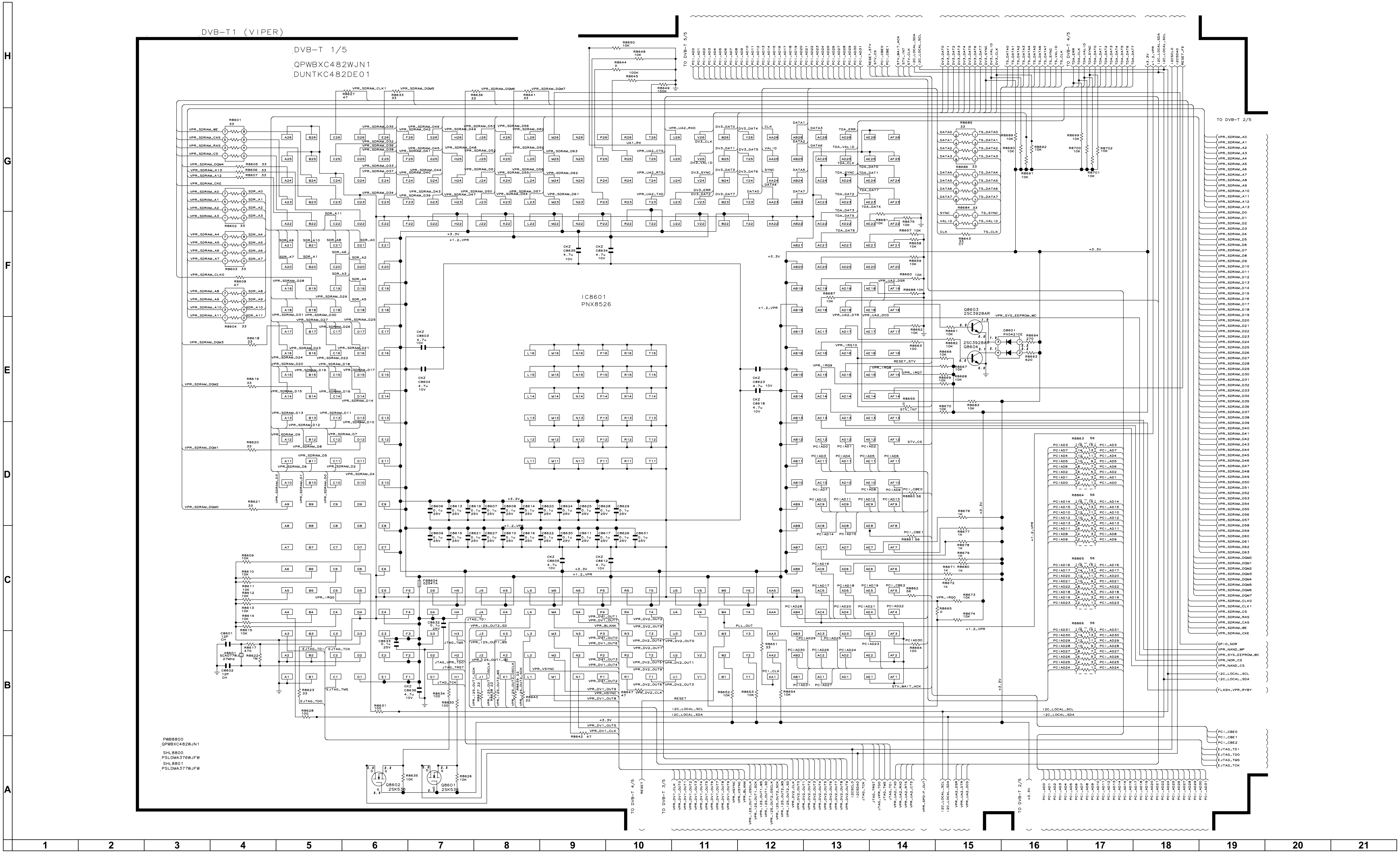
D71

D72

■DVB (IBO) Unit-1/5 (AVC)


DVB-T1 (VIPER)
DVB-T 1/5
QPWBXC482WJN1
DUNTKC482DE01
IC8601
PNX8526
TO DVB-T 5/5
TO DVB-T 4/5
TO DVB-T 2/5
TO DVB-T 3/5
Q8603
2SC3928AR
Q8604
2SC3928AR
D8601
PX0421CE
Q8602
2SK536
Q8601
2SK536
X8601
SCA077W
27MHz
PWB8800
QPWBXC482WJN1
SHL8800
PSLDMA376WJFW
SHL8801
PSLDMA377WJFW
+3.3V
+1.2_VPR
I2C_LOCAL_SCL
I2C_LOCAL_SDA
A
B
C
D
E
F
G
H
1
2
3
4
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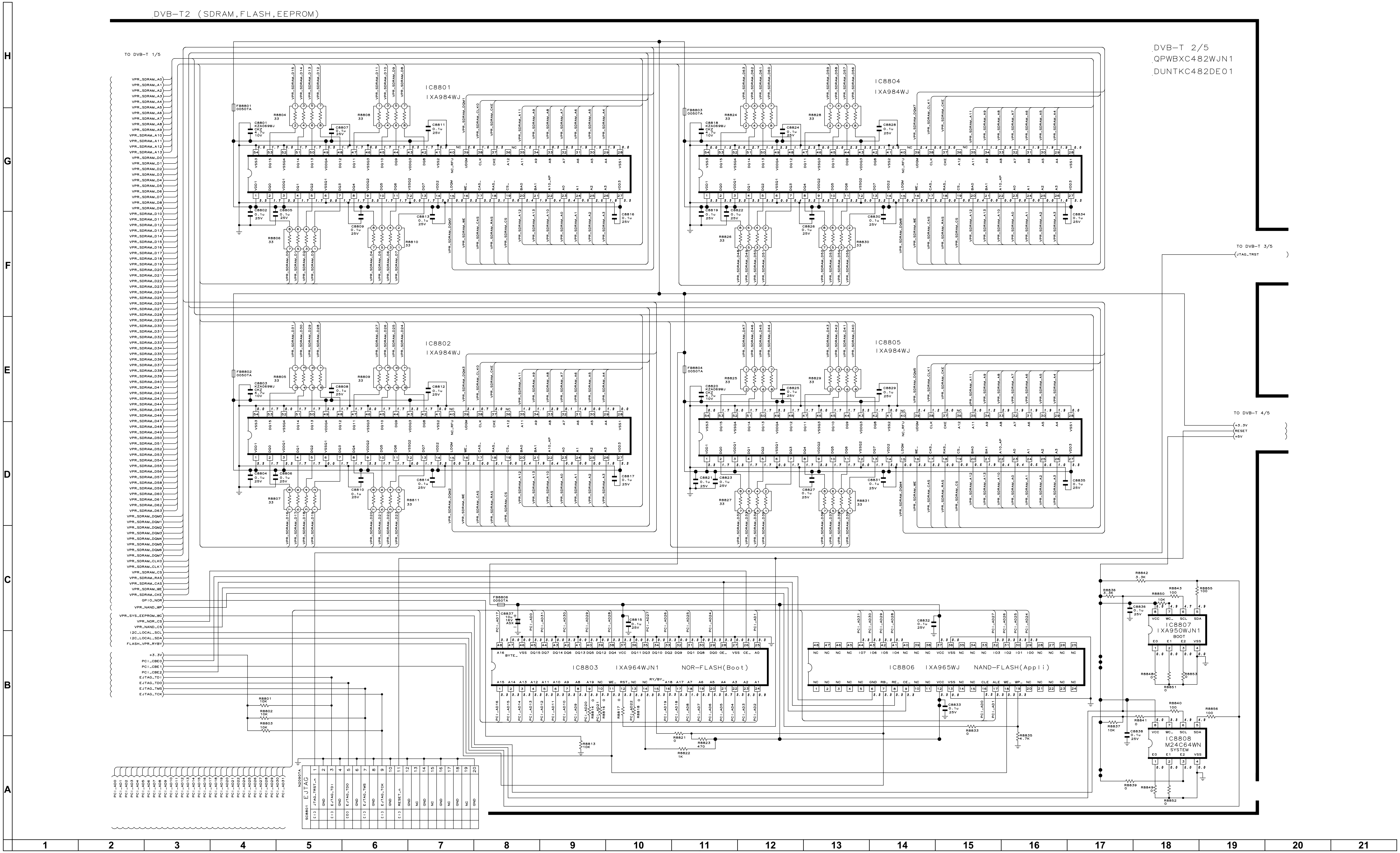
21

■DVB (IBO) Unit-2/5 (AVC)


DVB-T2 (SDRAM,FLASH,EEPROM)
TO DVB-T 1/5
DVB-T 2/5
QPWBXC482WJN1
DUNTKC482DE01
IC8801
IXA984WJ
IC8804
IXA984WJ
IC8802
IXA984WJ
IC8805
IXA984WJ
IC8803 IXA964WJN1 NOR-FLASH(Boot)
IC8806 IXA965WJ NAND-FLASH(Appli)
IC8807
IXA950WJN1
BOOT
IC8808
M24C64WN
SYSTEM
TO DVB-T 3/5
JTAG_TRST
TO DVB-T 4/5
+3.3V
RESET
+5V
SC8801
EJTAG
H
G
F
E
D
C
B
A
1
2
3
4
5
6
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14
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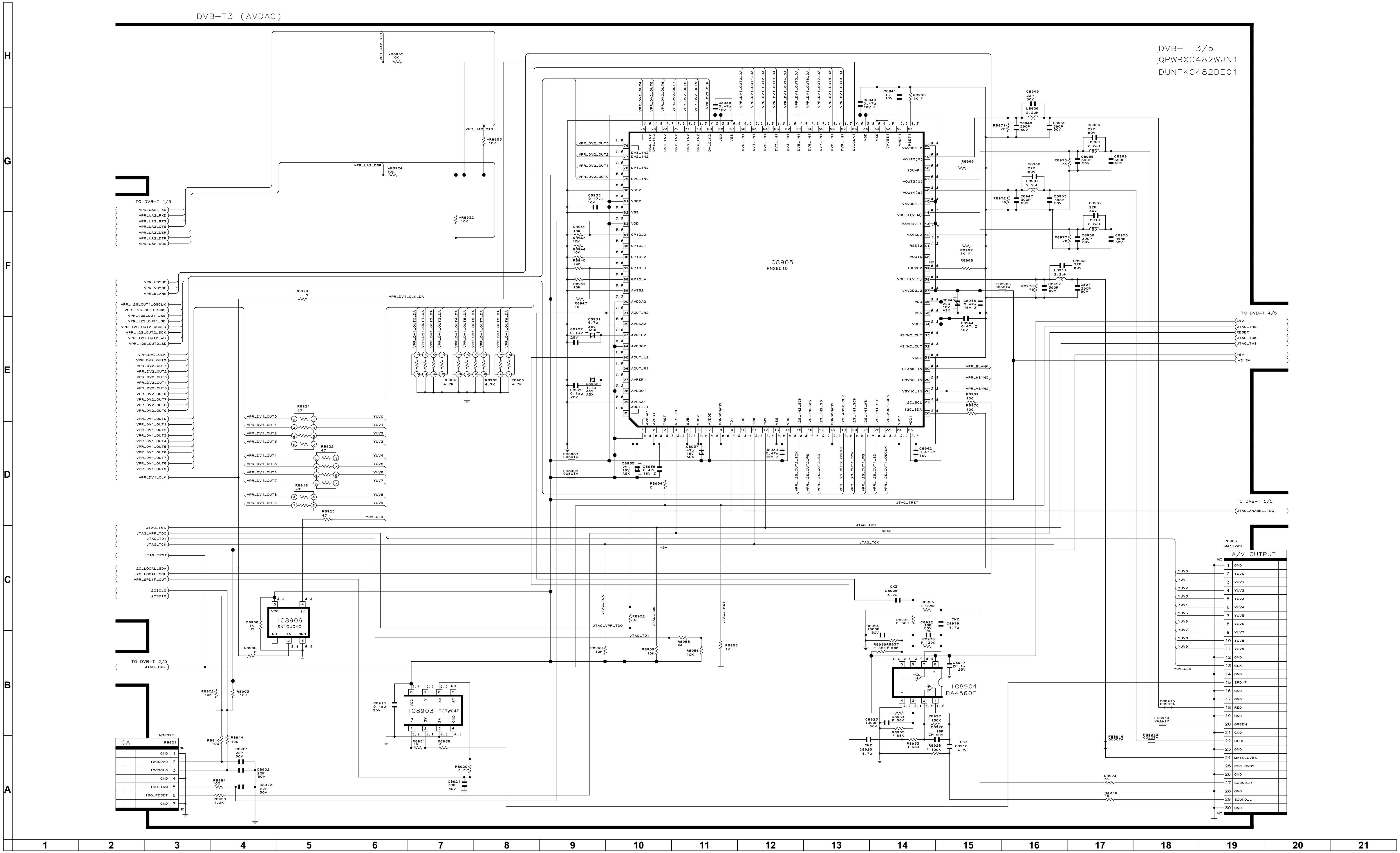
21

■DVB (IBO) Unit-3/5 (AVC)


DVB-T3 (AVDAC)
DVB-T 3/5
QPWBXC482WJN1
DUNTKC482DE01
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
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14
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16
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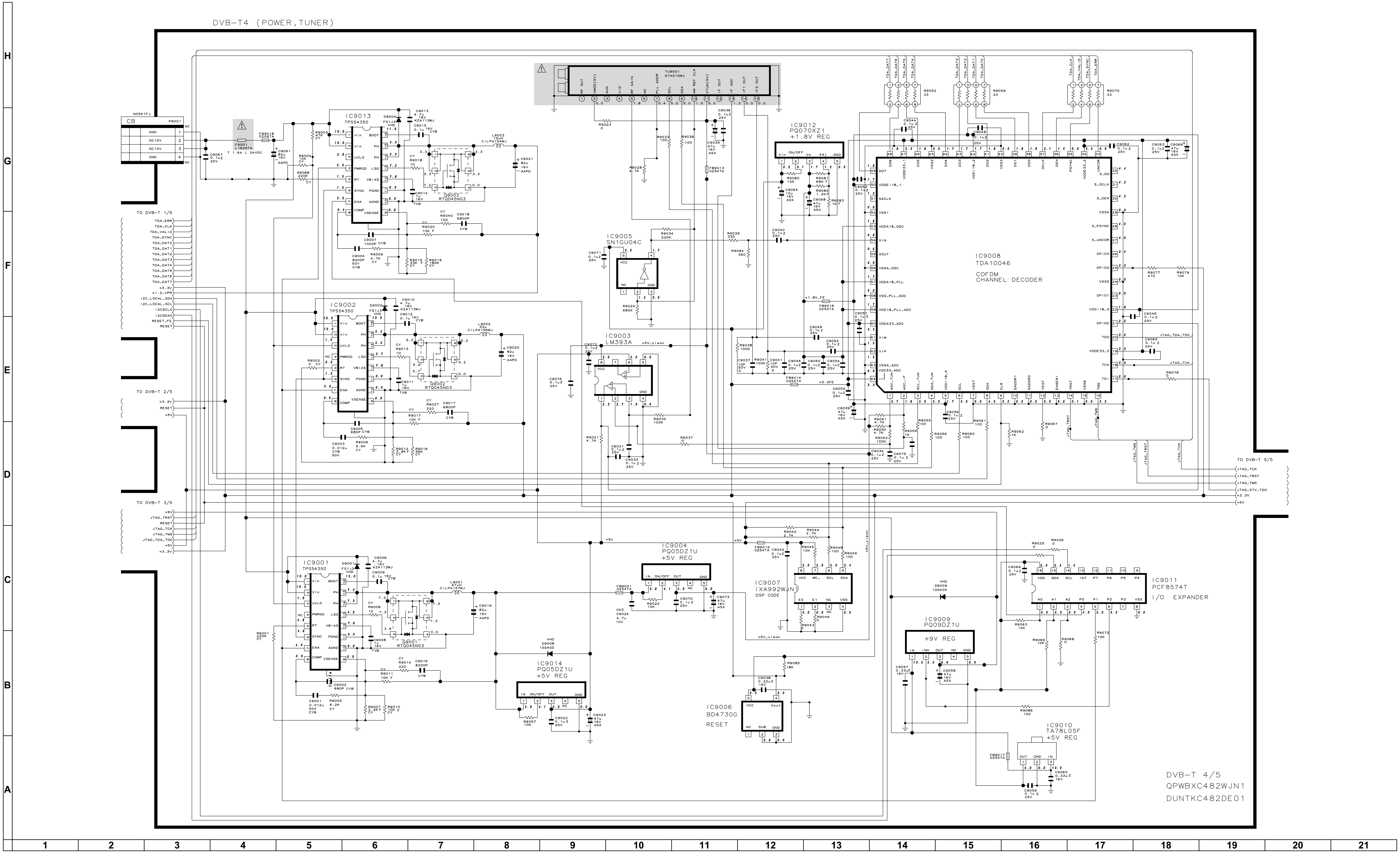
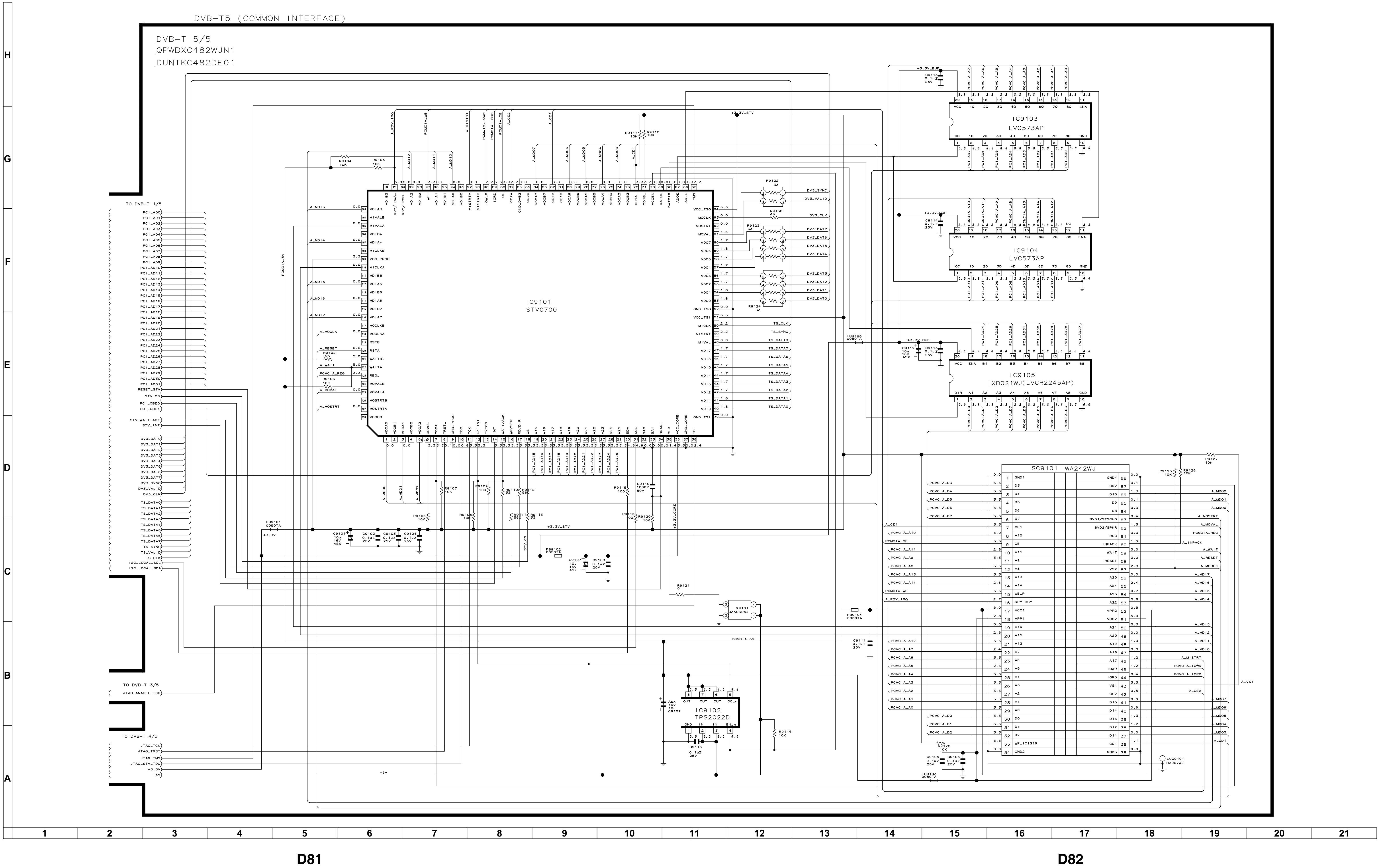
18
19
20
21
IC8905
PNX8510
IC8906
SN1GU04C
IC8903
TC7W04F
IC8904
BA4560F
TO DVB-T 1/5
VPR_UA2_TXD
VPR_UA2_RXD
VPR_UA2_RTS
VPR_UA2_CTS
VPR_UA2_DSR
VPR_UA2_DTR
VPR_UA2_DCD
VPR_HSYNC
VPR_VSYNC
VPR_BLANK
VPR_I2S_OUT1_OSCLK
VPR_I2S_OUT1_SCK
VPR_I2S_OUT1_WS
VPR_I2S_OUT1_SD
VPR_I2S_OUT2_OSCLK
VPR_I2S_OUT2_SCK
VPR_I2S_OUT2_WS
VPR_I2S_OUT2_SD
VPR_DV2_CLK
VPR_DV2_OUT0
VPR_DV2_OUT1
VPR_DV2_OUT2
VPR_DV2_OUT3
VPR_DV2_OUT4
VPR_DV2_OUT5
VPR_DV2_OUT6
VPR_DV2_OUT7
VPR_DV2_OUT8
VPR_DV2_OUT9
VPR_DV1_OUT0
VPR_DV1_OUT1
VPR_DV1_OUT2
VPR_DV1_OUT3
VPR_DV1_OUT4
VPR_DV1_OUT5
VPR_DV1_OUT6
VPR_DV1_OUT7
VPR_DV1_OUT8
VPR_DV1_OUT9
VPR_DV1_CLK
JTAG_TMS
JTAG_VPR_TDO
JTAG_TDI
JTAG_TCK
JTAG_TRST
I2C_LOCAL_SDA
I2C_LOCAL_SCL
VPR_SPDIF_OUT
I2CSCL0
I2CSDA0
TO DVB-T 2/5
JTAG_TRST
TO DVB-T 4/5
+9V
JTAG_TRST
RESET
JTAG_TCK
JTAG_TMS
+5V
+3.3V
TO DVB-T 5/5
JTAG_ANABEL_TDO
P8903
MA172WJ
A/V OUTPUT
1 GND
2 YUV0
3 YUV1
4 YUV2
5 YUV3
6 YUV4
7 YUV5
8 YUV6
9 YUV7
10 YUV8
11 YUV9
12 GND
13 CLK
14 GND
15 SPDIF
16 GND
17 GND
18 RED
19 GND
20 GREEN
21 GND
22 BLUE
23 GND
24 MAIN_CVBS
25 REC_CVBS
26 GND
27 SOUND_R
28 GND
29 SOUND_L
30 GND
NC
CA
N0569FJ
P8901
GND 1
I2CSDA0 2
I2CSCL0 3
GND 4
IBO_IRQ 5
IBO_RESET 6
GND 7
NC
YUV_CLK
R8955 10K
R8953 10K
R8924 10K
R8932 10K
R8979 0
VPR_DV1_CLK_DA
R8904 4.7K
R8905 4.7K
R8906 4.7K
R8921 47
R8922 47
R8918 47
R8923 47
R8942 10K
R8943 10K
R8944 10K
R8945 10K
R8946 10K
R8947 1K
C8933 0.47u Z 16V
C8931 4.7u 35V ASX
C8927 0.1u Z 25V
C8932 4.7u 35V ASX
C8929 0.1u Z 25V
C8938 0.47u 16V
C8940 0.47u 16V Z
C8941 1u 16V
R8965 1K F
C8937 47u 16V ASX
C8939 0.47u 16V Z
C8935 22u 16V ASX
C8936 0.47u 16V Z
R8954 0
C8942 0.47u Z 16V
FB8903 0050TA
FB8904 0050TA
FB8905 0050TA
C8943 22u 16V ASX
C8945 0.47u 16V Z
C8944 0.47u Z 16V
R8966 1
R8967 1K F
R8968 1
R8969 100
R8970 100
C8949 22P 50V
L8906 2.2uH
C8946 390P 50V
C8952 390P 50V
R8971 75
C8966 22P 50V
L8909 2.2uH
C8955 390P 50V
C8969 390P 50V
R8976 75
C8950 22P 50V
L8907 2.2uH
C8947 390P 50V
C8953 390P 50V
R8972 75
C8967 22P 50V
L8910 2.2uH
C8956 390P 50V
C8970 390P 50V
R8977 75
C8968 22P 50V
L8911 2.2uH
C8957 390P 50V
C8971 390P 50V
R8978 75
C8908 1K CY
R8980 0
R8952 0
R8958 33
R8956 10K
R8959 10K
R8960 10K
R8963 1K
C8916 0.1u Z 25V
R8931 1K
R8938 0
R8929 3.3K
C8921 33P 50V
R8902 10K
R8903 10K
R8910 100
R8914 100
C8901 22P 50V
C8902 22P 50V
R8981 100
C8972 22P 50V
R8950 1.2K
C8926 4.7u CKZ
R8925 F 100K
R8936 F 68K
C8922 18P 50V CH
C8919 4.7u CKZ
C8924 1000P 50V
R8930 F 130K
R8939 F 68K
R8937 F 68K
C8917 20.1u 25V
C8923 1000P 50V
R8934 F 68K
R8935 F 68K
R8927 F 130K
C8920 18P 50V CH
R8933 F 68K
R8928 F 100K
C8925 4.7u CKZ
C8918 4.7u CKZ
FB8915 0050TA
FB8914 0050TA
FB8913 0050TA
FB8916 0050TA
R8974 75
R8975 75
VAVDD1_2
VOUT2(R)
IDUMP1
VOUT3(G)
VOUT4(B)
VAVDD1_1
VOUT1(V_M)
VAVDD2_1
VAVSS2
RSET2
VOUT6
IDUMP2
VOUT5(V_S)
VAVDD2_2
VDD
VSS
VDDE
HSYNC_OUT
VSYNC_OUT
VSSE
BLANK_IN
HSYNC_IN
VSYNC_IN
I2C_SCL
I2C_SDA
DV3_IN2
DV2_IN2
DV1_IN2
DV0_IN2
VSS2
VDD2
VSS
VDD
GPIO_0
GPIO_1
GPIO_2
GPIO_3
GPIO_4
AVSS2
AVDDA2
AOUT_R2
AVSSA2
AVREF2
AVDDO2
AOUT_L2
AOUT_R1
AVREF1
AVDDO1
AVSSA1
AOUT_L1
YUV0
YUV1
YUV2
YUV3
YUV4
YUV5
YUV6
YUV7
YUV8
YUV9
YUV_CLK
+5V
JTAG_TMS
RESET
JTAG_TCK
JTAG_TRST
VPR_BLANK
VPR_HSYNC
VPR_VSYNC

■DVB (IBO) Unit-4/5 (AVC)


DVB-T4 (POWER,TUNER)
TU9001
DTA010WJ
IC9013
TPS54350
IC9002
TPS54350
IC9001
TPS54350
IC9005
SN1GU04C
IC9003
LM393A
IC9012
PQ070XZ1
+1.8V REG
IC9008
TDA10046
COFDM
CHANNEL DECODER
IC9004
PQ05DZ1U
+5V REG
IC9007
IXA992WJN1
DSP CODE
IC9014
PQ05DZ1U
+5V REG
IC9006
BD4730G
RESET
IC9009
PQ09DZ1U
+9V REG
IC9010
TA78L05F
+5V REG
IC9011
PCF8574T
I/O EXPANDER
Q9003
RTQ045N03
Q9002
RTQ045N03
Q9001
RTQ045N03
P9001
CB
GND
DC10V
DC10V
GND
F9001
L1625TA
T 1.6A L 24VDC
TO DVB-T 1/5
TDA_ERR
TDA_CLK
TDA_VALID
TDA_SYNC
TDA_DAT0
TDA_DAT1
TDA_DAT2
TDA_DAT3
TDA_DAT4
TDA_DAT5
TDA_DAT6
TDA_DAT7
+3.3V
+1.2_VPR
I2C_LOCAL_SDA
I2C_LOCAL_SCL
I2CSCLO
I2CSDAO
RESET_FE
RESET
TO DVB-T 2/5
+3.3V
RESET
+5V
TO DVB-T 3/5
+9V
JTAG_TRST
RESET
JTAG_TCK
JTAG_TMS
JTAG_TDA_TDO
+5V
+3.3V
TO DVB-T 5/5
JTAG_TCK
JTAG_TRST
JTAG_TMS
JTAG_STV_TDO
+3.3V
+5V
DVB-T 4/5
QPWBXC482WJN1
DUNTKC482DE01
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
A
B
C
D
E
F
G
H

■DVB (IBO) Unit-5/5 (AVC)


DVB-T5 (COMMON INTERFACE)
DVB-T 5/5
QPWBXC482WJN1
DUNTKC482DE01
TO DVB-T 1/5
TO DVB-T 3/5
TO DVB-T 4/5
JTAG_ANABEL_TDO
JTAG_TCK
JTAG_TRST
JTAG_TMS
JTAG_STV_TDO
+3.3V
+5V
IC9101
STV0700
IC9102
TPS2022D
IC9103
LVC573AP
IC9104
LVC573AP
IC9105
IXB021WJ(LVCR2245AP)
SC9101 WA242WJ
X9101
LUG9101
HA007WJ
FB9101
FB9102
FB9103
FB9104
FB9105
+3.3V_STV
+3.3V_BUF
PCMCIA_5V
RESET_STV
STV_CS
STV_WAIT_ACK
STV_INT
I2C_LOCAL_SCL
I2C_LOCAL_SDA
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
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14
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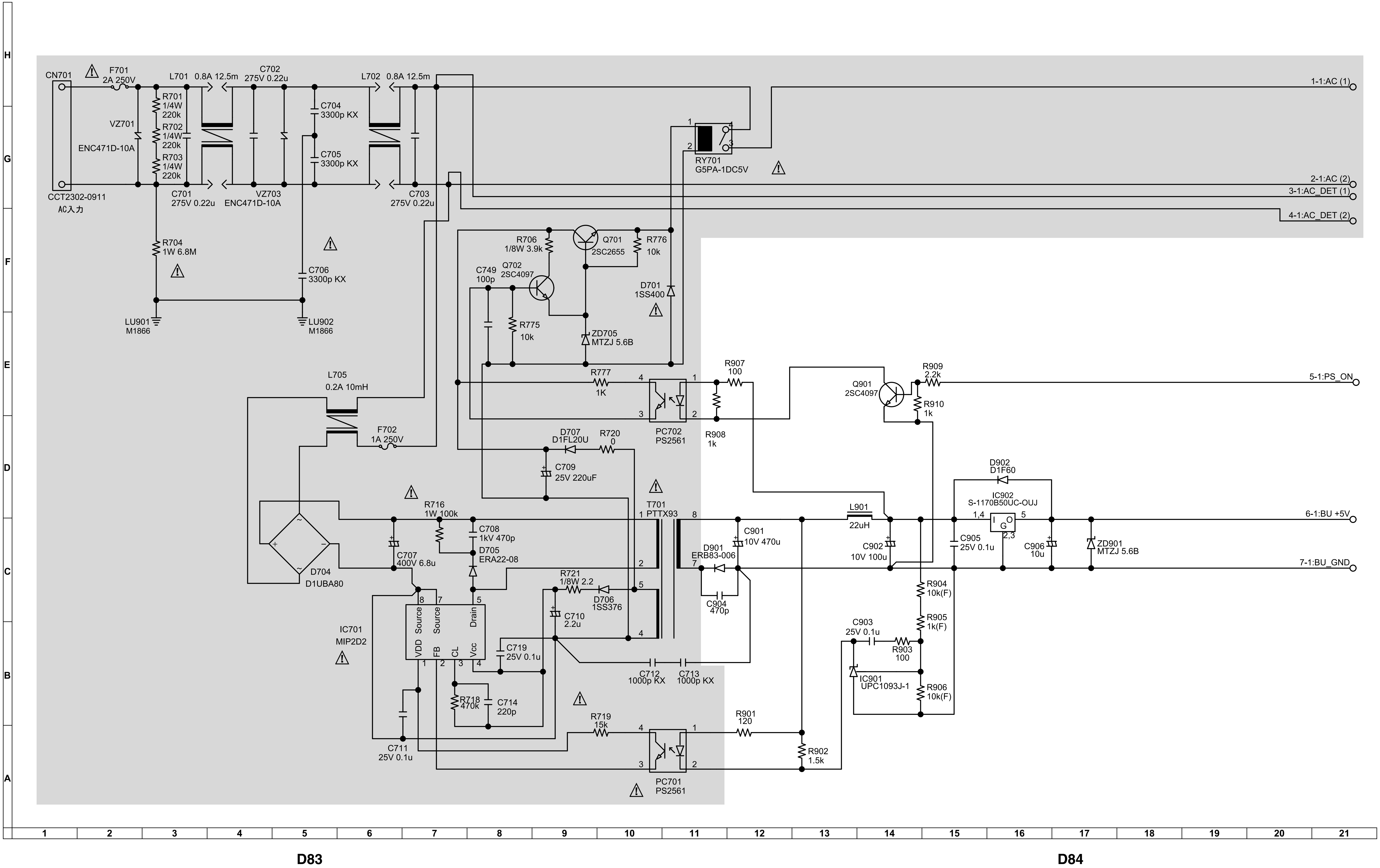
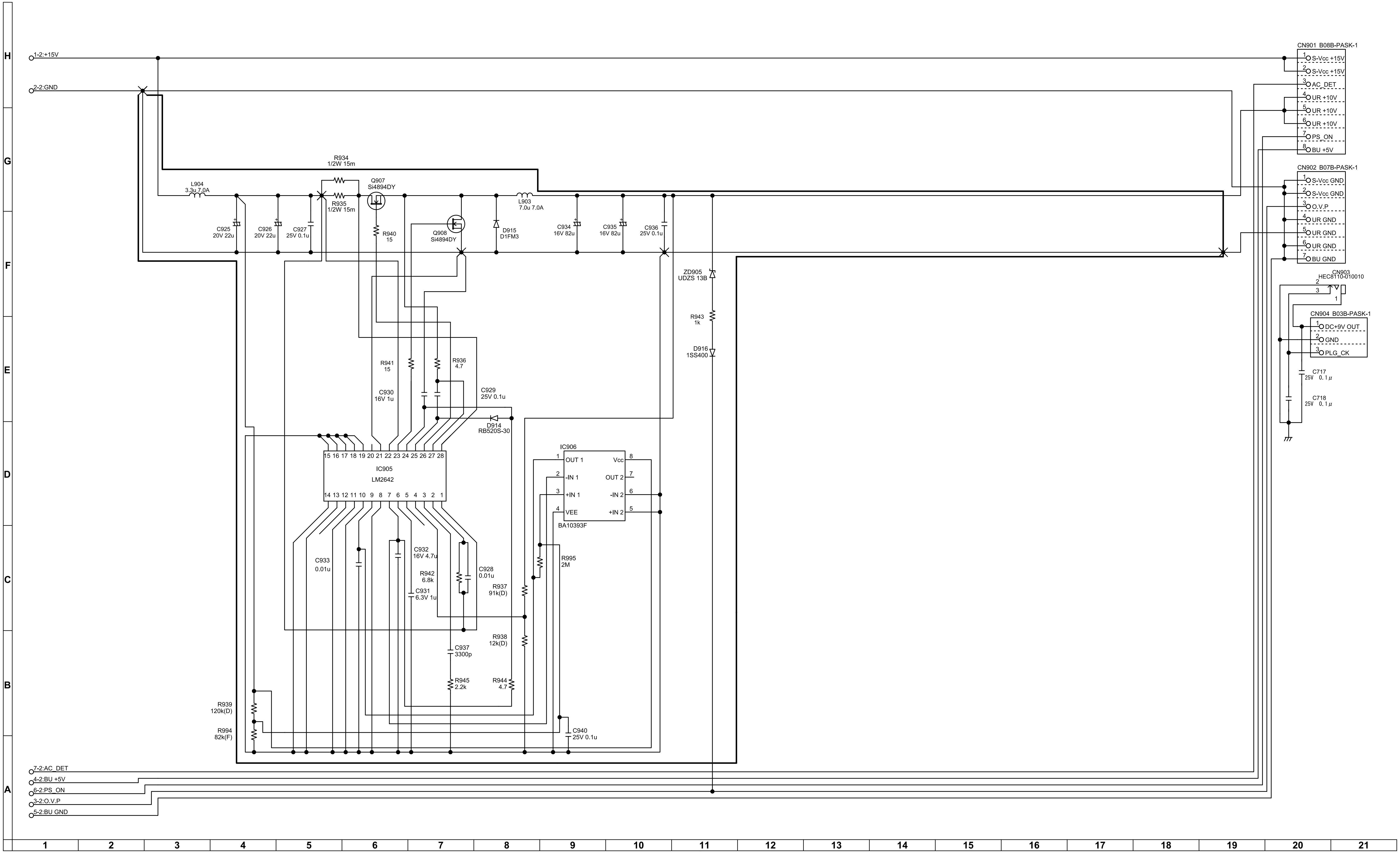
17
18
19
20
21
D81
D82

■POWER Unit-1/3 (AVC)


H
G
F
E
D
C
B
A
CN701
F701
2A 250V
L701 0.8A 12.5m
C702
275V 0.22u
L702 0.8A 12.5m
R701
1/4W
220k
R702
1/4W
220k
R703
1/4W
220k
VZ701
ENC471D-10A
C704
3300p KX
C705
3300p KX
C701
275V 0.22u
VZ703
ENC471D-10A
C703
275V 0.22u
CCT2302-0911
AC入力
1
2
4
3
RY701
G5PA-1DC5V
1-1:AC (1)
2-1:AC (2)
3-1:AC_DET (1)
4-1:AC_DET (2)
R704
1W 6.8M
C706
3300p KX
LU901
M1866
LU902
M1866
R706
1/8W 3.9k
Q701
2SC2655
R776
10k
C749
100p
Q702
2SC4097
D701
1SS400
R775
10k
ZD705
MTZJ 5.6B
L705
0.2A 10mH
R777
1K
PC702
PS2561
R907
100
R908
1k
Q901
2SC4097
R909
2.2k
R910
1k
5-1:PS_ON
F702
1A 250V
D707
D1FL20U
R720
0
C709
25V 220uF
D902
D1F60
IC902
S-1170B50UC-OUJ
1,4
5
2,3
I
O
G
T701
PTTX93
R716
1W 100k
C708
1kV 470p
D705
ERA22-08
L901
22uH
C901
10V 470u
6-1:BU +5V
C707
400V 6.8u
D704
D1UBA80
D901
ERB83-006
C902
10V 100u
C905
25V 0.1u
C906
10u
ZD901
MTZJ 5.6B
7-1:BU_GND
R721
1/8W 2.2
D706
1SS376
C710
2.2u
C904
470p
IC701
MIP2D2
Source
Source
Drain
VDD
FB
CL
Vcc
C719
25V 0.1u
C712
1000p KX
C713
1000p KX
R718
470k
C714
220p
R904
10k(F)
R905
1k(F)
C903
25V 0.1u
R903
100
IC901
UPC1093J-1
R906
10k(F)
R719
15k
R901
120
R902
1.5k
C711
25V 0.1u
PC701
PS2561
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
D83
D84

■POWER Unit-2/3 (AVC)

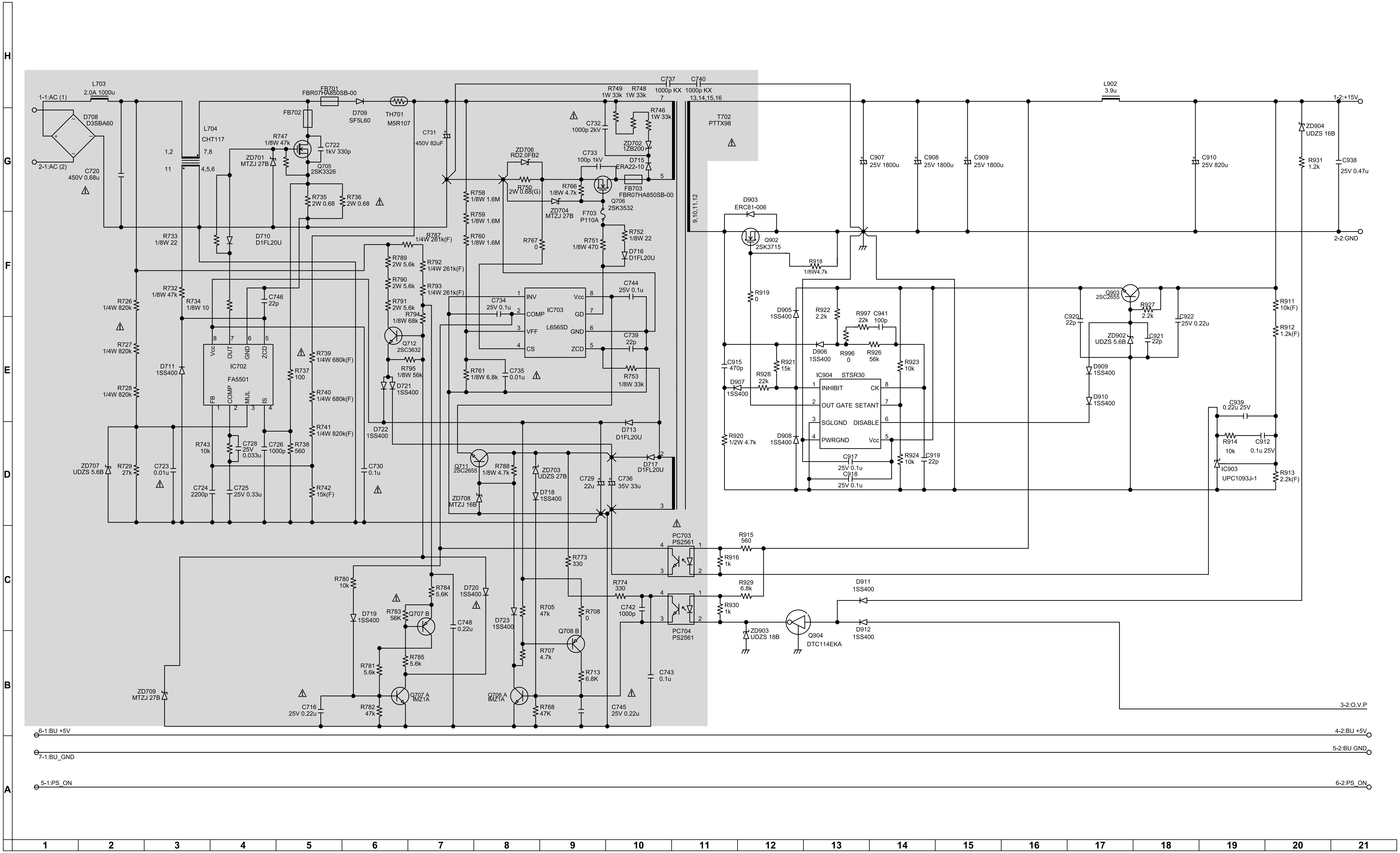


H
G
F
E
D
C
B
A
1-2:+15V
2-2:GND
R934
1/2W 15m
L904
3.3u 7.0A
R935
1/2W 15m
Q907
Si4894DY
R940
15
Q908
Si4894DY
D915
D1FM3
L903
7.0u 7.0A
C925
20V 22u
C926
20V 22u
C927
25V 0.1u
C934
16V 82u
C935
16V 82u
C936
25V 0.1u
ZD905
UDZS 13B
R943
1k
D916
1SS400
R941
15
R936
4.7
C930
16V 1u
C929
25V 0.1u
D914
RB520S-30
15 16 17 18 19 20 21 22 23 24 25 26 27 28
IC905
LM2642
14 13 12 11 10 9 8 7 6 5 4 3 2 1
IC906
1 OUT 1
2 -IN 1
3 +IN 1
4 VEE
8 Vcc
7 OUT 2
6 -IN 2
5 +IN 2
BA10393F
C933
0.01u
C932
16V 4.7u
R942
6.8k
C931
6.3V 1u
C928
0.01u
R937
91k(D)
R995
2M
R938
12k(D)
C937
3300p
R945
2.2k
R944
4.7
R939
120k(D)
R994
82k(F)
C940
25V 0.1u
7-2:AC_DET
4-2:BU +5V
6-2:PS_ON
3-2:O.V.P
5-2:BU GND
CN901 B08B-PASK-1
1 S-Vcc +15V
2 S-Vcc +15V
3 AC_DET
4 UR +10V
5 UR +10V
6 UR +10V
7 PS_ON
8 BU +5V
CN902 B07B-PASK-1
1 S-Vcc GND
2 S-Vcc GND
3 O.V.P
4 UR GND
5 UR GND
6 UR GND
7 BU GND
CN903
HEC8110-010010
2
3
1
CN904 B03B-PASK-1
1 DC+9V OUT
2 GND
3 PLG_CK
C717
25V 0.1μ
C718
25V 0.1μ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

D85

D86

■POWER Unit-3/3 (AVC)


1-1:AC (1)
2-1:AC (2)
L703
2.0A 1000u
D708
D3SBA60
C720
450V 0.68u
L704
CHT117
1,2
7,8
11
4,5,6
FB701
FBR07HA850SB-00
FB702
D709
SF5L60
TH701
M5R107
C731
450V 82uF
R747
1/8W 47k
C722
1kV 330p
ZD701
MTZJ 27B
Q705
2SK3326
R735
2W 0.68
R736
2W 0.68
D710
D1FL20U
R733
1/8W 22
R732
1/8W 47k
R734
1/8W 10
C746
22p
IC702
FA5501
Vcc
OUT
GND
ZCD
FB
COMP
MUL
IS
R726
1/4W 820k
R727
1/4W 820k
R728
1/4W 820k
R729
27k
D711
1SS400
ZD707
UDZS 5.6B
C723
0.01u
R743
10k
C728
25V 0.033u
C726
1000p
R738
560
R737
100
R739
1/4W 680k(F)
R740
1/4W 680k(F)
R741
1/4W 820k(F)
R742
15k(F)
C724
2200p
C725
25V 0.33u
C730
0.1u
R787
1/4W 261k(F)
R789
2W 5.6k
R790
2W 5.6k
R791
2W 5.6k
R792
1/4W 261k(F)
R793
1/4W 261k(F)
R794
1/8W 68k
Q712
2SC3632
R795
1/8W 56k
D721
1SS400
D722
1SS400
R758
1/8W 1.6M
R759
1/8W 1.6M
R760
1/8W 1.6M
R761
1/8W 6.8k
C735
0.01u
C734
25V 0.1u
IC703
L6565D
INV
COMP
VFF
CS
Vcc
GD
GND
ZCD
ZD706
RD2.0FB2
R750
2W 0.68(G)
R766
1/8W 4.7k
ZD704
MTZJ 27B
R767
0
C732
1000p 2kV
C733
100p 1kV
Q706
2SK3532
FB703
FBR07HA850SB-00
F703
P110A
R751
1/8W 470
R752
1/8W 22
D716
D1FL20U
R749
1W 33k
R748
1W 33k
R746
1W 33k
ZD702
1ZB200
D715
ERA22-10
C737
1000p KX
C740
1000p KX
T702
PTTX98
7
13,14,15,16
5
9,10,11,12
2
3
C744
25V 0.1u
C739
22p
R753
1/8W 33k
D713
D1FL20U
D717
D1FL20U
Q711
2SC2655
R788
1/8W 4.7k
ZD703
UDZS 27B
D718
1SS400
ZD708
MTZJ 16B
C729
22u
C736
35V 33u
PC703
PS2561
PC704
PS2561
R773
330
R774
330
C742
1000p
C743
0.1u
R780
10k
D719
1SS400
R784
5.6K
D720
1SS400
R783
56K
Q707 B
C748
0.22u
R785
5.6k
R781
5.6k
R782
47k
Q707 A
IMZ1A
C716
25V 0.22u
D723
1SS400
R705
47k
R708
0
Q708 B
R707
4.7k
R713
6.8K
Q708 A
IMZ1A
R768
47K
C745
25V 0.22u
ZD709
MTZJ 27B
L902
3.9u
1-2:+15V
2-2:GND
C907
25V 1800u
C908
25V 1800u
C909
25V 1800u
C910
25V 820u
ZD904
UDZS 16B
R931
1.2k
C938
25V 0.47u
D903
ERC81-006
Q902
2SK3715
R918
1/8W4.7k
R919
0
D905
1SS400
R922
2.2k
R997
22k
C941
100p
D906
1SS400
R996
0
R926
56k
R923
10k
C915
470p
R921
15k
R928
22k
D907
1SS400
IC904
STSR30
INHIBIT
OUT GATE
SGLGND
PWRGND
CK
SETANT
DISABLE
Vcc
R920
1/2W 4.7k
D908
1SS400
C917
25V 0.1u
C918
25V 0.1u
R924
10k
C919
22p
Q903
2SC2655
R927
2.2k
C920
22p
ZD902
UDZS 5.6B
C921
22p
C922
25V 0.22u
D909
1SS400
D910
1SS400
R911
10k(F)
R912
1.2k(F)
C939
0.22u 25V
R914
10k
C912
0.1u 25V
IC903
UPC1093J-1
R913
2.2k(F)
R915
560
R916
1k
R929
6.8k
R930
1k
ZD903
UDZS 18B
Q904
DTC114EKA
D911
1SS400
D912
1SS400
3-2:O.V.P
6-1:BU +5V
4-2:BU +5V
7-1:BU_GND
5-2:BU GND
5-1:PS_ON
6-2:PS_ON
H
G
F
E
D
C
B
A
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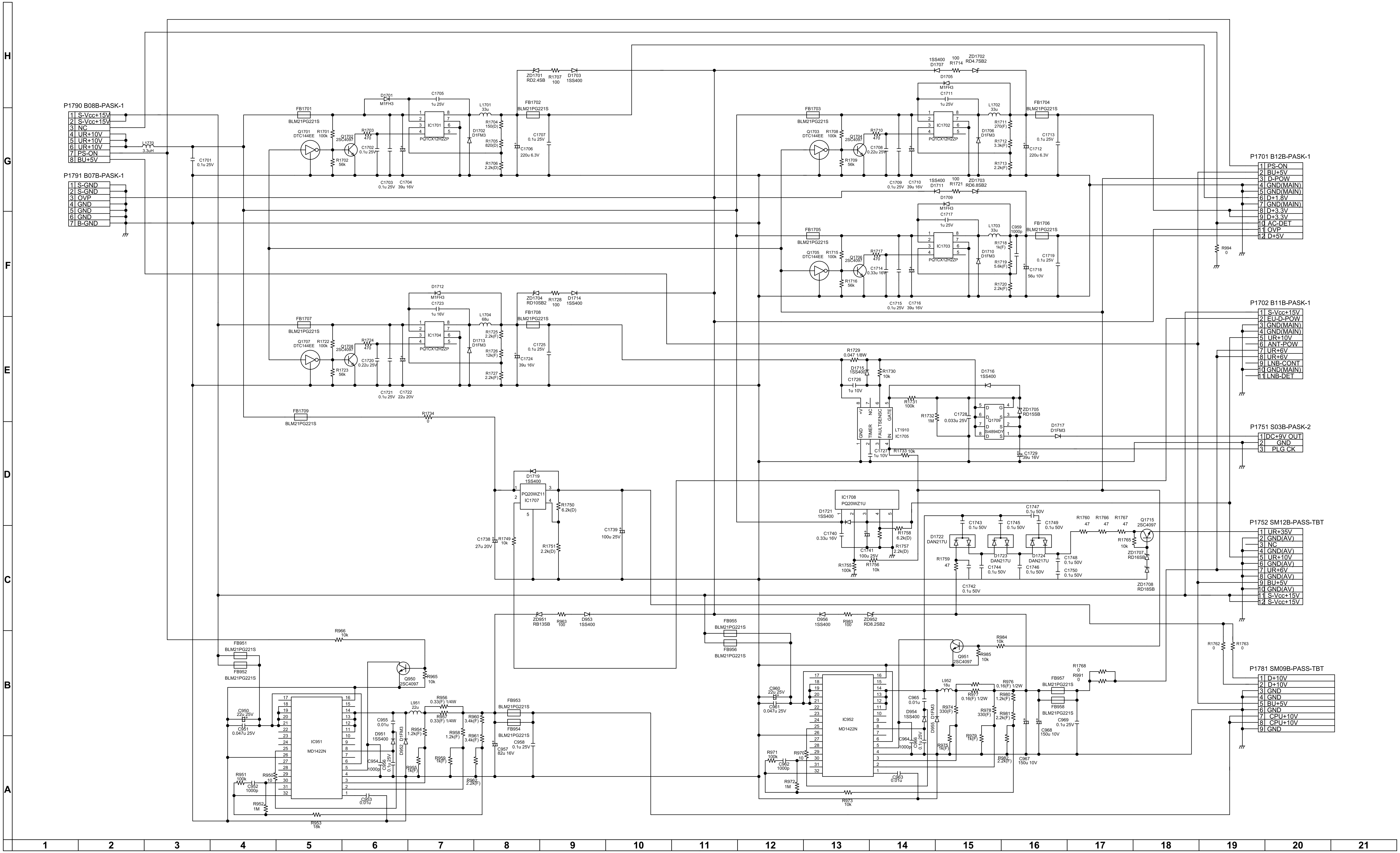
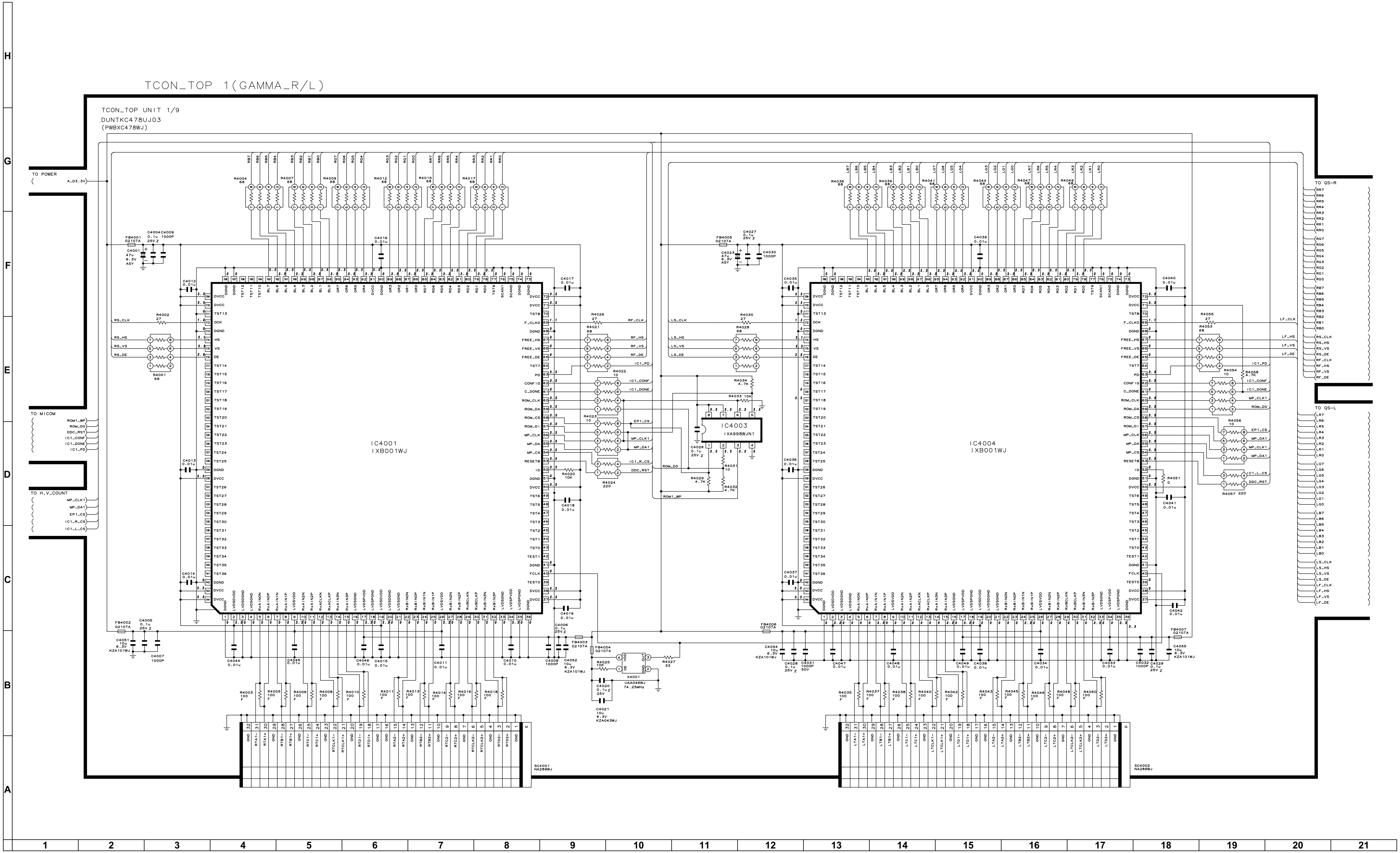
D87

D88

■DC/DC CONVERTER Unit (AVC)


P1790 B08B-PASK-1
1 S-Vcc+15V
2 S-Vcc+15V
3 NC
4 UR+10V
5 UR+10V
6 UR+10V
7 PS-ON
8 BU+5V
P1791 B07B-PASK-1
1 S-GND
2 S-GND
3 OVP
4 GND
5 GND
6 GND
7 B-GND
P1701 B12B-PASK-1
1 PS-ON
2 BU+5V
3 D-POW
4 GND(MAIN)
5 GND(MAIN)
6 D+1.8V
7 GND(MAIN)
8 D+3.3V
9 D+3.3V
10 AC-DET
11 OVP
12 D+5V
P1702 B11B-PASK-1
1 S-Vcc+15V
2 EU-D-POW
3 GND(MAIN)
4 GND(MAIN)
5 UR+10V
6 ANT-POW
7 UR+6V
8 UR+6V
9 LNB-CONT
10 GND(MAIN)
11 LNB-DET
P1751 S03B-PASK-2
1 DC+9V OUT
2 GND
3 PLG CK
P1752 SM12B-PASS-TBT
1 UR+35V
2 GND(AV)
3 NC
4 GND(AV)
5 UR+10V
6 GND(AV)
7 UR+6V
8 GND(AV)
9 BU+5V
10 GND(AV)
11 S-Vcc+15V
12 S-Vcc+15V
P1781 SM09B-PASS-TBT
1 D+10V
2 D+10V
3 GND
4 GND
5 BU+5V
6 GND
7 CPU+10V
8 CPU+10V
9 GND
IC1701 PQ1CX12H2ZP
IC1702 PQ1CX12H2ZP
IC1703 PQ1CX12H2ZP
IC1704 PQ1CX12H2ZP
IC1705 LT1910
IC1707 PQ20WZ11
IC1708 PQ20WZ1U
IC951 MD1422N
IC952 MD1422N
Q1709 Si4894DY
Q1715 2SC4097
Q950 2SC4097
Q951 2SC4097
L1770 3.3uH
L1701 33u
L1702 33u
L1703 33u
L1704 68u
L951 22u
L952 18u
FB1701 BLM21PG221S
FB1702 BLM21PG221S
FB1703 BLM21PG221S
FB1704 BLM21PG221S
FB1705 BLM21PG221S
FB1706 BLM21PG221S
FB1707 BLM21PG221S
FB1708 BLM21PG221S
FB1709 BLM21PG221S
FB951 BLM21PG221S
FB952 BLM21PG221S
FB953 BLM21PG221S
FB954 BLM21PG221S
FB955 BLM21PG221S
FB956 BLM21PG221S
FB957 BLM21PG221S
FB958 BLM21PG221S
ZD1701 RD2.4SB
ZD1702 RD4.7SB2
ZD1703 RD6.8SB2
ZD1704 RD10SB2
ZD1705 RD15SB
ZD1707 RD16SB
ZD1708 RD18SB
ZD951 RB13SB
ZD952 RD8.2SB2
R1729 0.047 1/8W
C1706 220u 6.3V
C1712 220u 6.3V
C1718 56u 10V
C1724 39u 16V
C1739 100u 25V
C1738 27u 20V
C957 82u 16V
C968 150u 10V
C967 150u 10V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
H G F E D C B A

■TCON_TOP Unit-1/9 (Display)


TCON_TOP 1(GAMMA_R/L)
TCON_TOP UNIT 1/9
DUNTKC478UJ03
(PWBXC478WJ)
TO POWER
A_D3.3V
TO MICOM
ROM1_WP
ROM_DO
DDC_RST
IC1_CONF
IC1_DONE
IC1_PD
TO H_V_COUNT
MP_CLK1
MP_DA1
EP1_CS
IC1_R_CS
IC1_L_CS
RS_CLK
RS_HS
RS_VS
RS_DE
LS_CLK
LS_HS
LS_VS
LS_DE
RF_CLK
RF_HS
RF_VS
RF_DE
LF_CLK
LF_HS
LF_VS
LF_DE
IC4001
IXB001WJ
IC4003
IXA998WJN1
IC4004
IXB001WJ
X4001
UAA046WJ
74.25MHz
TO QS-R
TO QS-L
SC4001
NA289WJ
SC4002
NA289WJ
H
G
F
E
D
C
B
A
1
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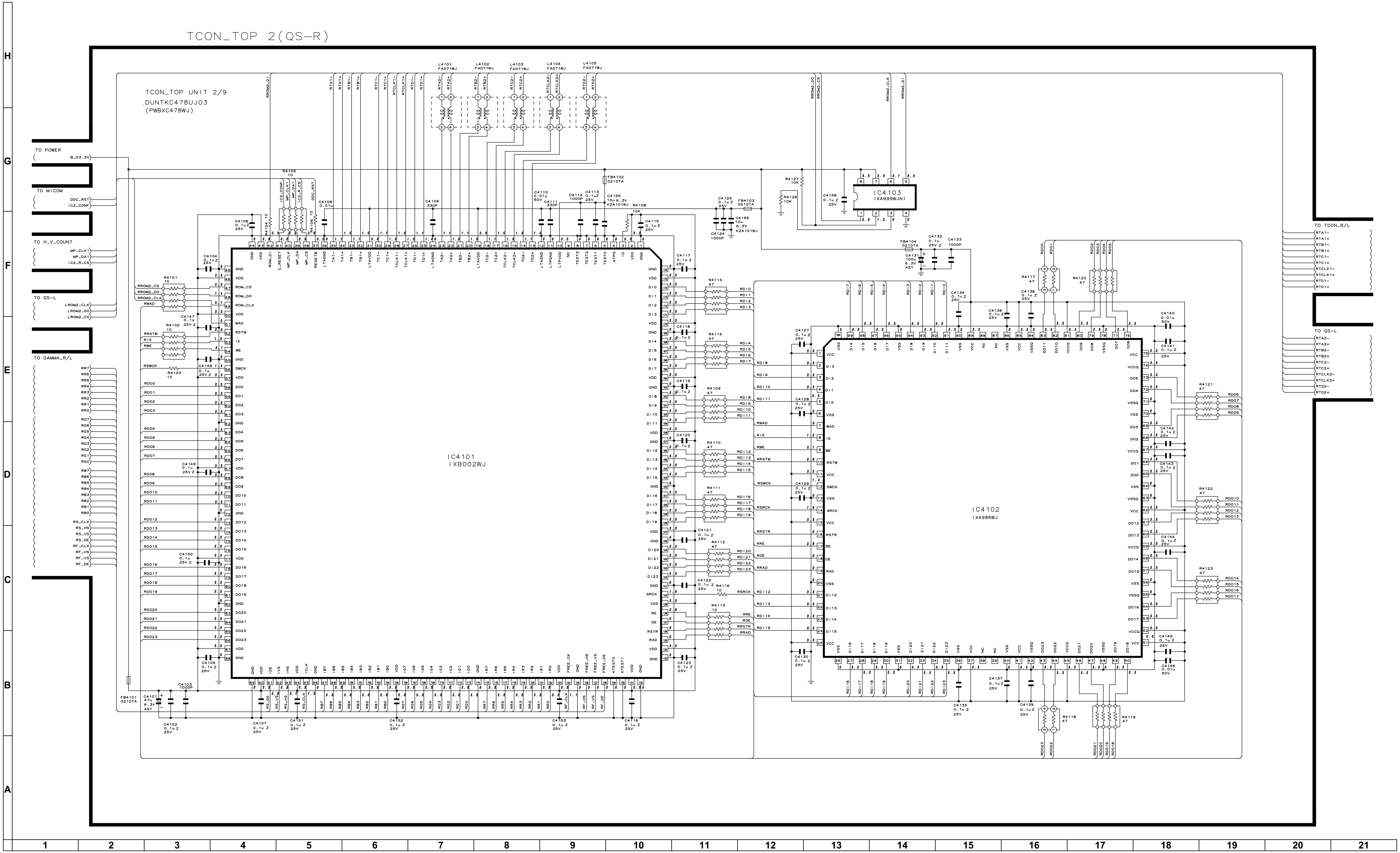
D91

D92

■TCON_TOP Unit-2/9 (Display)


TCON_TOP 2(QS-R)
TCON_TOP UNIT 2/9
DUNTKC478UJ03
(PWBXC478WJ)
TO POWER
B_D3.3V
TO MICOM
DDC_RST
IC2_CONF
TO H.V_COUNT
MP_CLK1
MP_DA1
IC2_R_CS
TO QS-L
LROM2_CLK
LROM2_DO
LROM2_CS
TO GAMMA_R/L
L4101 FA071WJ
L4102 FA071WJ
L4103 FA071WJ
L4104 FA071WJ
L4105 FA071WJ
IC4101
IXB002WJ
IC4102
IXA986WJ
IC4103
IXA999WJN1
TO TCON_R/L
RTA1-
RTA1+
RTB1-
RTB1+
RTC1-
RTC1+
RTCLK1-
RTCLK1+
RTD1-
RTD1+
TO QS-L
RTA2-
RTA2+
RTB2-
RTB2+
RTC2-
RTC2+
RTCLK2-
RTCLK2+
RTD2-
RTD2+
FB4101 0210TA
FB4102 0210TA
FB4103 0210TA
FB4104 0210TA
H
G
F
E
D
C
B
A
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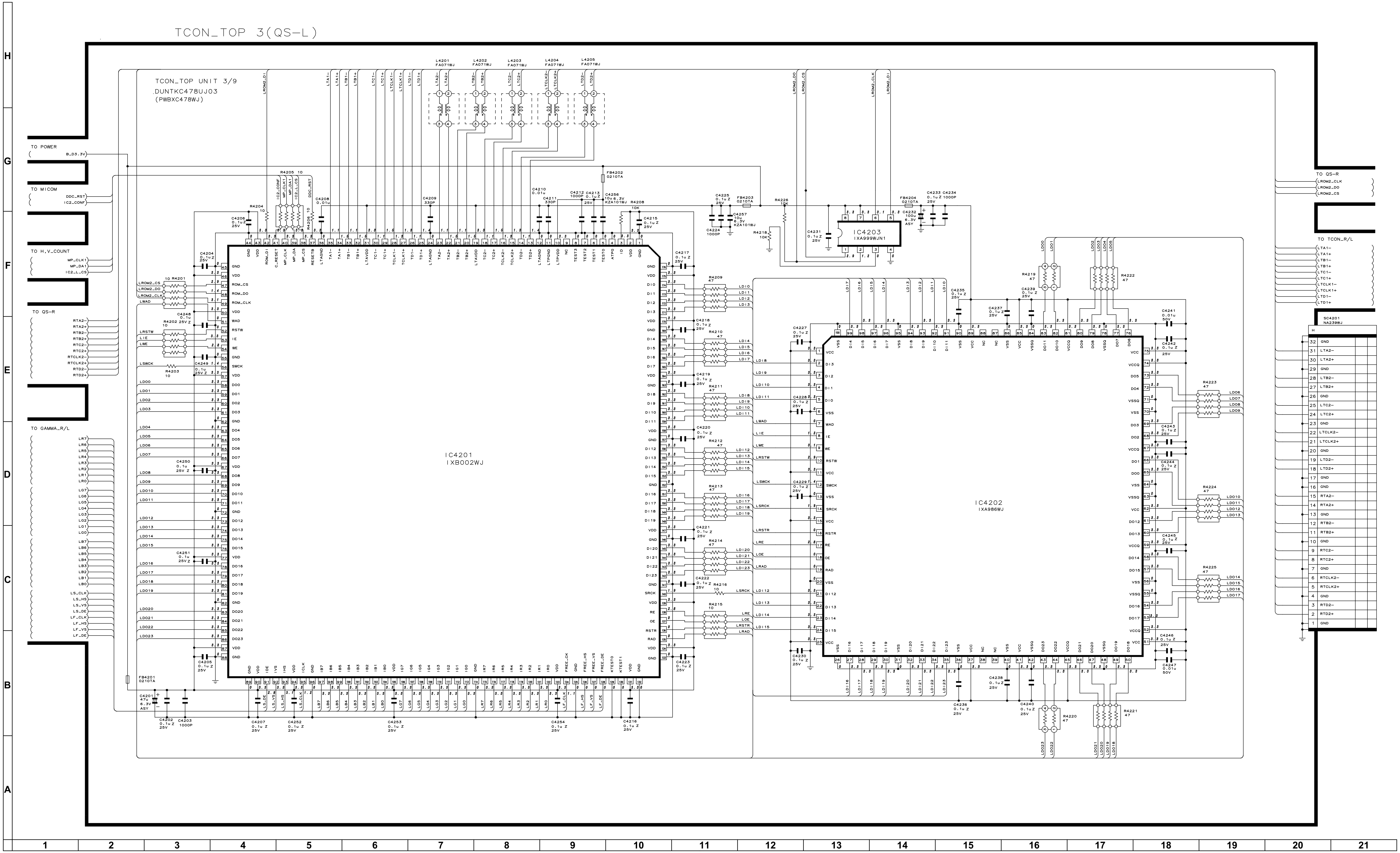
21

■TCON_TOP Unit-3/9 (Display)



TCON_TOP 3(QS-L)
TCON_TOP UNIT 3/9
DUNTKC478UJ03
(PWBXC478WJ)
TO POWER
B_D3.3V
TO MICOM
DDC_RST
IC2_CONF
TO H_V_COUNT
MP_CLK1
MP_DA1
IC2_L_CS
TO QS-R
RTA2-
RTA2+
RTB2-
RTB2+
RTC2-
RTC2+
RTCLK2-
RTCLK2+
RTD2-
RTD2+
TO GAMMA_R/L
LR7
LR6
LR5
LR4
LR3
LR2
LR1
LR0
LG7
LG6
LG5
LG4
LG3
LG2
LG1
LG0
LB7
LB6
LB5
LB4
LB3
LB2
LB1
LB0
LS_CLK
LS_HS
LS_VS
LS_DE
LF_CLK
LF_HS
LF_VS
LF_DE
L4201 FA071WJ
L4202 FA071WJ
L4203 FA071WJ
L4204 FA071WJ
L4205 FA071WJ
IC4201
IXB002WJ
IC4202
IXA986WJ
IC4203
IXA999WJN1
FB4201 0210TA
FB4202 0210TA
FB4203 0210TA
FB4204 0210TA
R4201 10
R4202 10
R4203 10
R4204 10
R4205 10
R4206 10
R4208 10K
R4209 47
R4210 47
R4211 47
R4212 47
R4213 47
R4214 47
R4215 10
R4216 10
R4218 10K
R4219 47
R4220 47
R4221 47
R4222 47
R4223 47
R4224 47
R4225 47
R4226 10K
C4201 47u 6.3V ASY
C4202 0.1u Z 25V
C4203 1000P
C4208 0.01u
C4209 330P
C4210 0.01u
C4211 330P
C4232 100u 6.3V ASY
C4256 10u 6.3V KZA101WJ
C4257 10u 6.3V KZA101WJ
TO QS-R
LROM2_CLK
LROM2_DO
LROM2_CS
TO TCON_R/L
LTA1-
LTA1+
LTB1-
LTB1+
LTC1-
LTC1+
LTCLK1-
LTCLK1+
LTD1-
LTD1+
SC4201
NA239WJ
1 GND
2 RTD2+
3 RTD2-
4 GND
5 RTCLK2+
6 RTCLK2-
7 GND
8 RTC2+
9 RTC2-
10 GND
11 RTB2+
12 RTB2-
13 GND
14 RTA2+
15 RTA2-
16 GND
17 GND
18 LTD2+
19 LTD2-
20 GND
21 LTCLK2+
22 LTCLK2-
23 GND
24 LTC2+
25 LTC2-
26 GND
27 LTB2+
28 LTB2-
29 GND
30 LTA2+
31 LTA2-
32 GND
H
G
F
E
D
C
B
A
1
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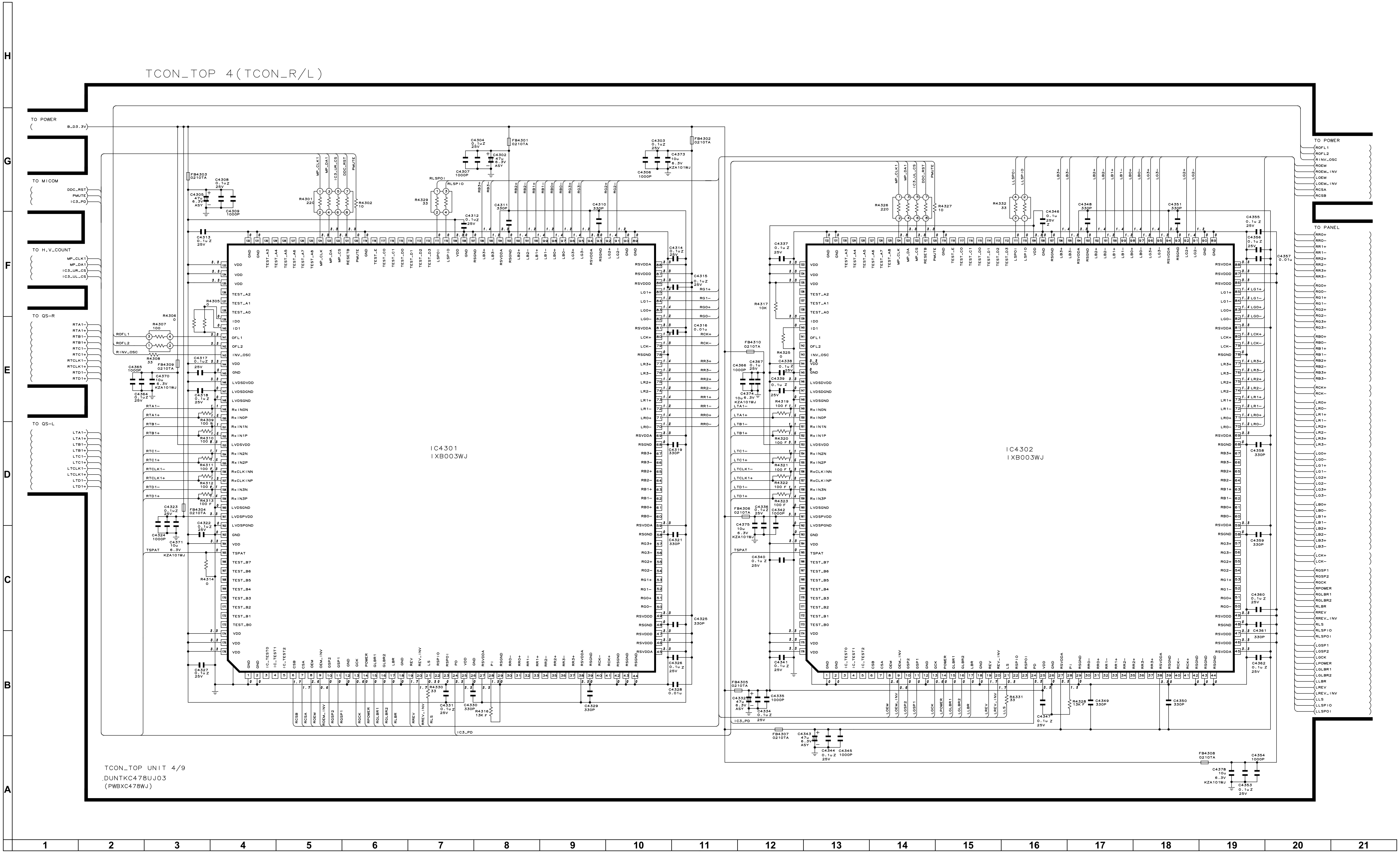
■TCON_TOP Unit-4/9 (Display)


TCON_TOP 4(TCON_R/L)
TO POWER
B_D3.3V
TO MICOM
DDC_RST
PMUTE
IC3_PD
TO H,V_COUNT
MP_CLK1
MP_DA1
IC3_UR_CS
IC3_UL_CS
TO QS-R
TO QS-L
TO POWER
TO PANEL
IC4301
IXB003WJ
IC4302
IXB003WJ
TCON_TOP UNIT 4/9
DUNTKC478UJ03
(PWBXC478WJ)
H
G
F
E
D
C
B
A
1
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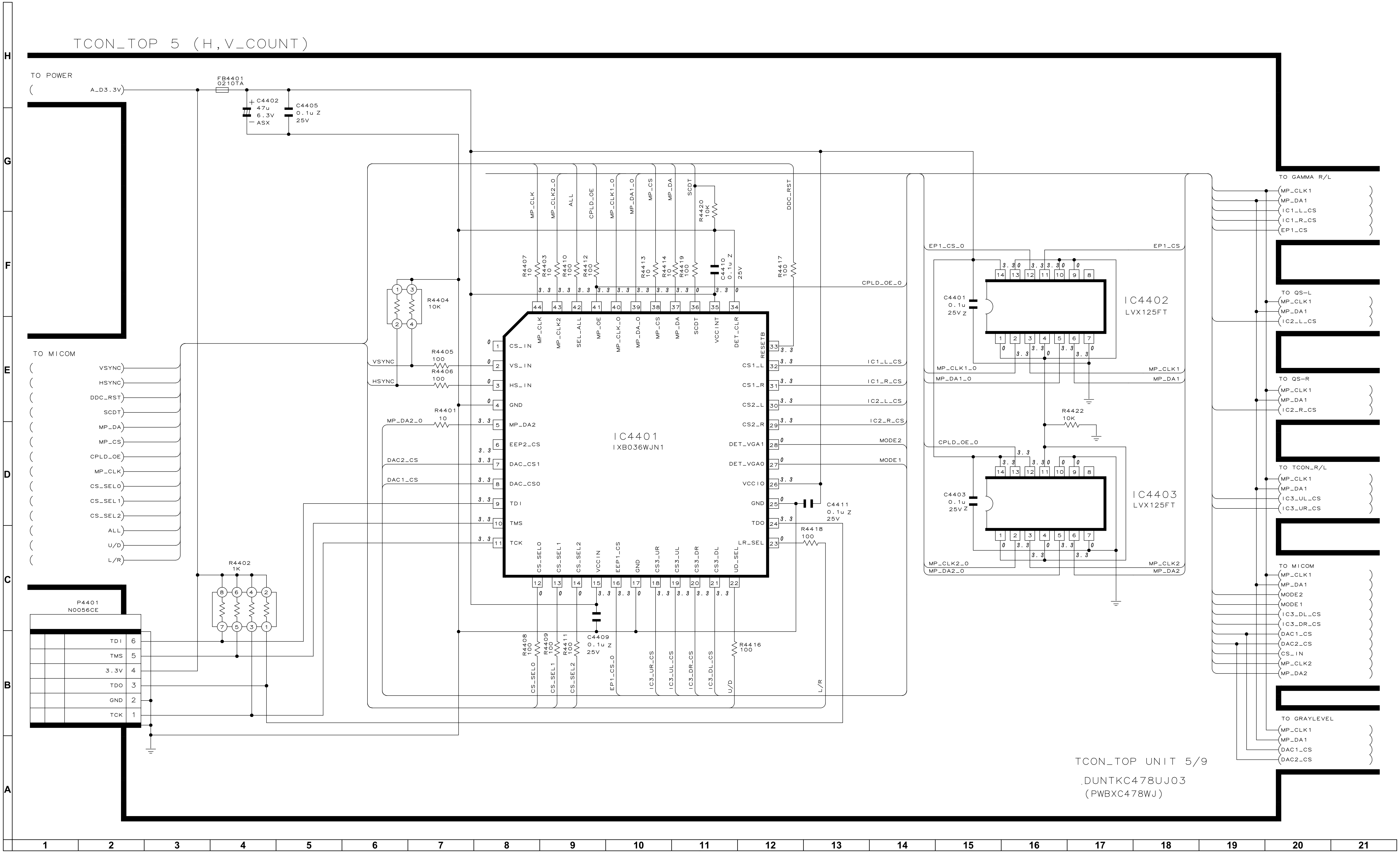
D97

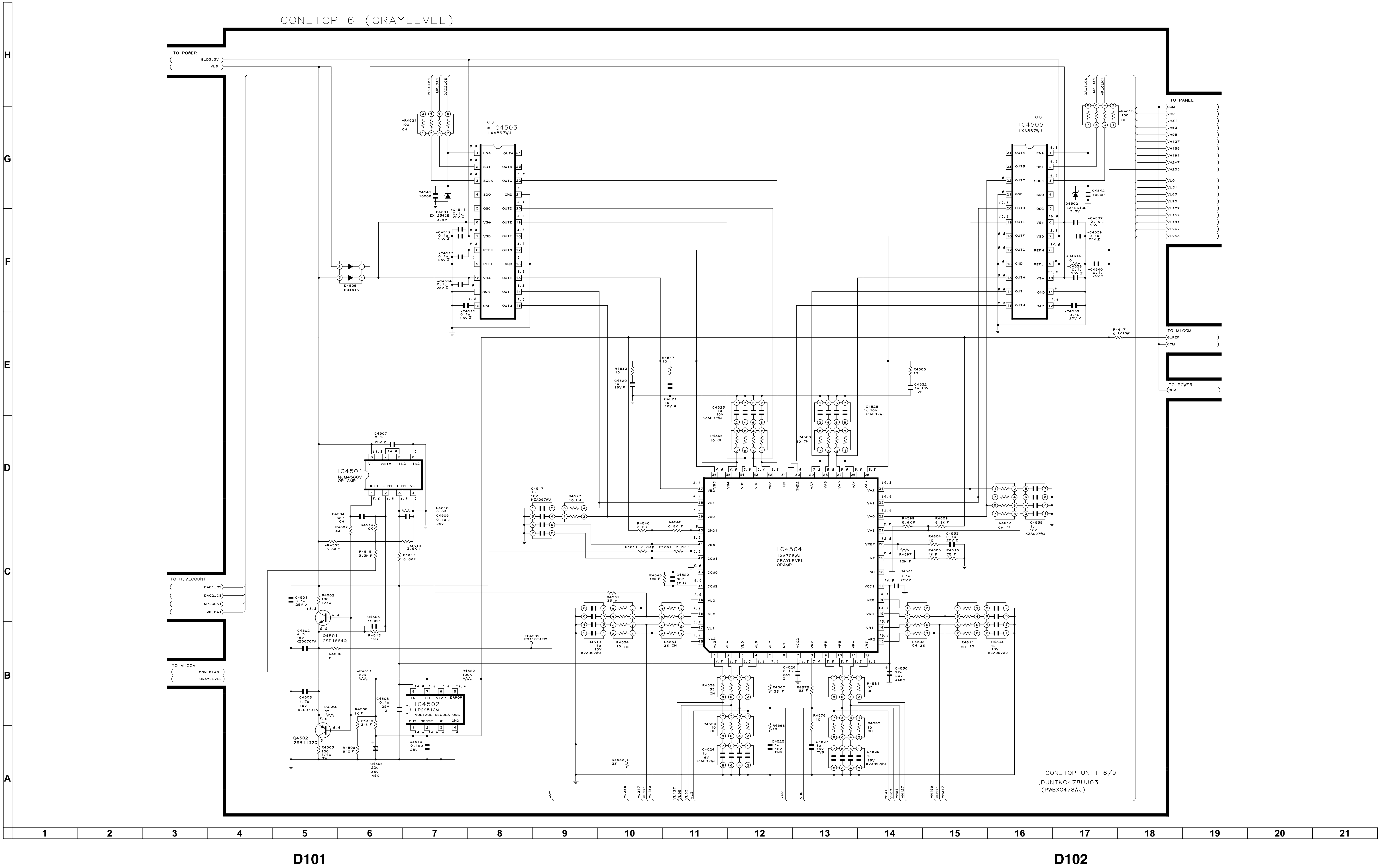
D98

■TCON_TOP Unit-5/9 (Display)



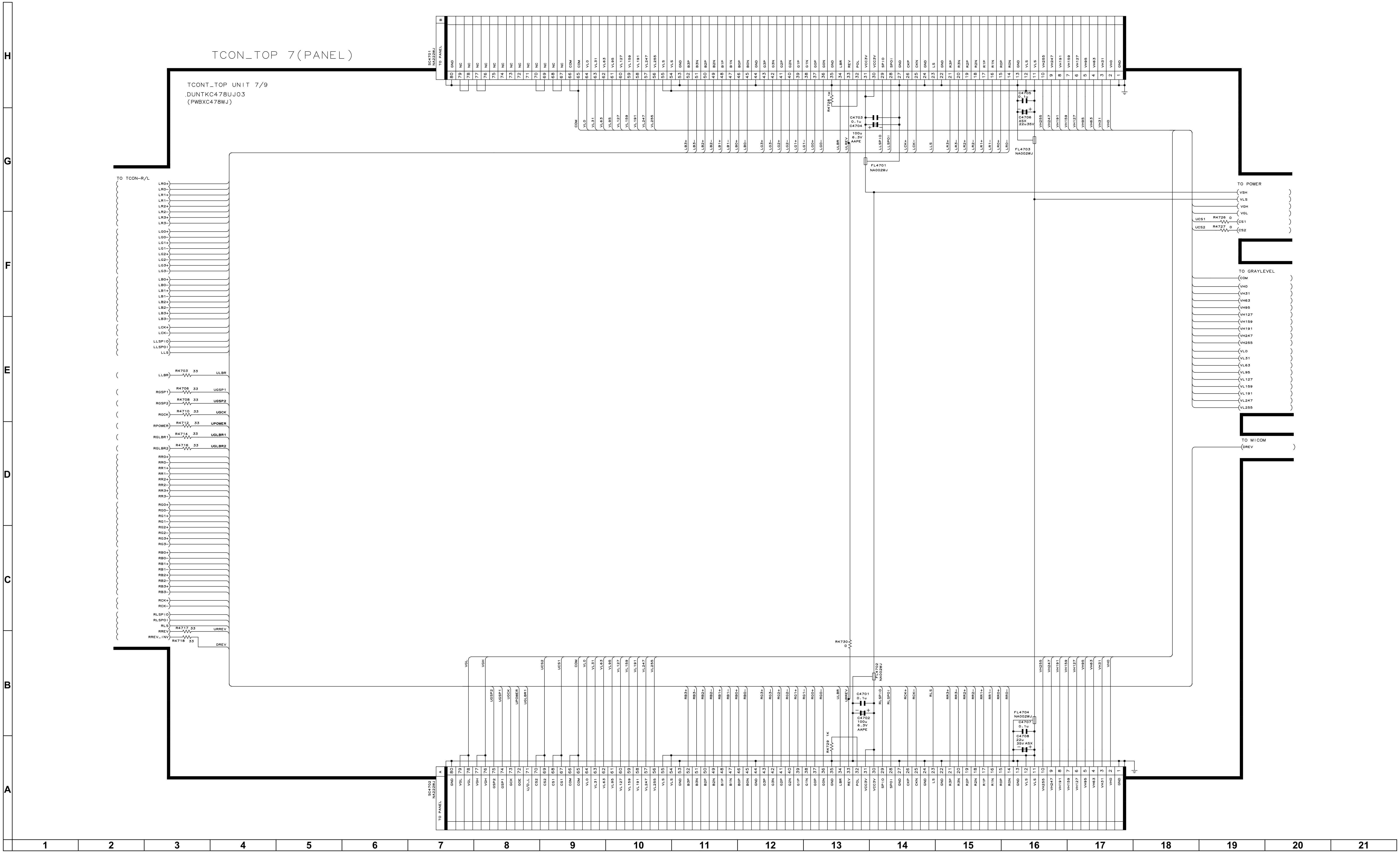
TCON_TOP 5 (H,V_COUNT)
TO POWER
A_D3.3V
FB4401
0210TA
C4402
47u
6.3V
ASX
C4405
0.1u Z
25V
TO MICOM
VSYNC
HSYNC
DDC_RST
SCDT
MP_DA
MP_CS
CPLD_OE
MP_CLK
CS_SEL0
CS_SEL1
CS_SEL2
ALL
U/D
L/R
R4404
10K
R4405
100
R4406
100
R4401
10
MP_DA2_O
DAC2_CS
DAC1_CS
R4402
1K
P4401
N0056CE
TDI 6
TMS 5
3.3V 4
TDO 3
GND 2
TCK 1
IC4401
IXB036WJN1
CS_IN
VS_IN
HS_IN
GND
MP_DA2
EEP2_CS
DAC_CS1
DAC_CS0
TDI
TMS
TCK
MP_CLK
MP_CLK2
SEL_ALL
MP_OE
MP_CLK_O
MP_DA_O
MP_CS
MP_DA
SCDT
VCCINT
DET_CLR
RESETB
CS1_L
CS1_R
CS2_L
CS2_R
DET_VGA1
DET_VGA0
VCCIO
GND
TDO
LR_SEL
CS_SEL0
CS_SEL1
CS_SEL2
VCCIN
EEP1_CS
GND
CS3_UR
CS3_UL
CS3_DR
CS3_DL
UD_SEL
MP_CLK2_O
CPLD_OE
MP_CLK1_O
MP_DA1_O
DDC_RST
R4407 10
R4403 10
R4410 100
R4412 100
R4413 10
R4414 10
R4419 100
R4420 10K
C4410 0.1u Z 25V
R4417 100
CPLD_OE_O
IC1_L_CS
IC1_R_CS
IC2_L_CS
IC2_R_CS
MODE2
MODE1
C4411 0.1u Z 25V
R4418 100
R4408 100
R4409 100
R4411 100
C4409 0.1u Z 25V
R4416 100
EP1_CS_O
IC3_UR_CS
IC3_UL_CS
IC3_DR_CS
IC3_DL_CS
U/D
L/R
EP1_CS_O
EP1_CS
C4401 0.1u 25V Z
IC4402
LVX125FT
MP_CLK1_O
MP_CLK1
MP_DA1_O
MP_DA1
R4422 10K
CPLD_OE_O
C4403 0.1u 25V Z
IC4403
LVX125FT
MP_CLK2_O
MP_CLK2
MP_DA2_O
MP_DA2
TO GAMMA R/L
MP_CLK1
MP_DA1
IC1_L_CS
IC1_R_CS
EP1_CS
TO QS-L
MP_CLK1
MP_DA1
IC2_L_CS
TO QS-R
MP_CLK1
MP_DA1
IC2_R_CS
TO TCON_R/L
MP_CLK1
MP_DA1
IC3_UL_CS
IC3_UR_CS
TO MICOM
MP_CLK1
MP_DA1
MODE2
MODE1
IC3_DL_CS
IC3_DR_CS
DAC1_CS
DAC2_CS
CS_IN
MP_CLK2
MP_DA2
TO GRAYLEVEL
MP_CLK1
MP_DA1
DAC1_CS
DAC2_CS
TCON_TOP UNIT 5/9
DUNTKC478UJ03
(PWBXC478WJ)
H
G
F
E
D
C
B
A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■TCON_TOP Unit-6/9 (Display)



TCON_TOP 6 (GRAYLEVEL)
TO POWER
B_D3.3V
VLS
TO H.V_COUNT
DAC1_CS
DAC2_CS
MP_CLK1
MP_DA1
TO MICOM
COM_BIAS
GRAYLEVEL
TO PANEL
COM
VH0
VH31
VH63
VH95
VH127
VH159
VH191
VH247
VH255
VL0
VL31
VL63
VL95
VL127
VL159
VL191
VL247
VL255
TO MICOM
G_REF
COM
TO POWER
COM
(L)
IC4503
IXA867WJ
(H)
IC4505
IXA867WJ
ENA
SDI
SCLK
SDO
OSC
VS+
VSD
REFH
REFL
GND
CAP
OUTA
OUTB
OUTC
OUTD
OUTE
OUTF
OUTG
OUTH
OUTI
OUTJ
R4521 100 CH
R4615 100 CH
C4541 1000P
C4542 1000P
D4501 EX1234CE 3.6V
D4502 EX1234CE 3.6V
D4505 RB481K
C4511 0.1u 25V Z
C4512 0.1u 25V Z
C4513 0.1u 25V Z
C4514 0.1u 25V Z
C4515 0.1u 25V Z
C4536 0.1u 25V Z
C4537 0.1u Z 25V
C4539 0.1u 25V Z
C4538 0.1u 25V Z
C4540 0.1u 25V Z
R4614 0
R4617 0 1/10W
IC4501
NJM4580V
OP AMP
V+
OUT2
-IN2
+IN2
OUT1
-IN1
+IN1
V-
C4507 0.1u 25V Z
C4504 68P CH
R4507 33
R4514 10K
R4505 5.6K F
R4515 3.3K F
R4518 3.3K F
C4509 0.1u Z 25V
R4519 3.9K F
R4517 6.8K F
C4501 0.1u 25V Z
R4502 100 1/4W
Q4501 2SD1664Q
C4505 1500P
R4513 10K
C4502 4.7u 16V KZ0070TA
R4506 0
C4503 4.7u 16V KZ0070TA
R4504 33
Q4502 2SB1132Q
R4503 100 1/4W TW
R4511 22K
R4508 1K F
R4516 24K F
R4509 910 F
C4506 22u 35V ASX
C4508 0.1u 25V Z
IC4502
LP2951CM
VOLTAGE REGULATORS
IN FB VTAP ERROR
OUT SENSE SD GND
C4510 0.1u Z 25V
R4522 100K
TP4502 PD110TAFW
IC4504
IXA706WJ
GRAYLEVEL
OPAMP
VB3 VB2 VB1 VB0 GND1 VB8 COM1 COM0 COMS VL0 VL8 VL1 VL2
VA2 VA1 VA0 VA8 VREF VR NC VCC1 VR8 VR0 VR1 VR2
R4533 10
C4520 1u 16V K
R4547 10
C4521 1u 16V K
R4600 10
C4532 1u 16V TVB
C4523 1u 16V KZA097WJ
R4566 10 CH
R4586 10 CH
C4528 1u 16V KZA097WJ
C4517 1u 16V KZA097WJ
R4527 10 CJ
R4540 5.6K F
R4548 6.8K F
R4541 6.8K F
R4551 3.3K F
R4545 10K F
C4522 68P (CH)
R4531 33 F
C4519 1u 16V KZA097WJ
R4534 10 CH
R4554 33 CH
R4599 5.6K F
R4609 6.8K F
R4613 CH 10
C4535 1u 16V KZA097WJ
R4604 10
C4533 0.1u 25V Z
R4597 10K F
R4605 1K F
R4610 75 F
C4531 0.1u 25V Z
R4598 CH 33
R4611 CH 10
C4534 1u 16V KZA097WJ
C4530 22u 20V AAPC
C4526 0.1u 25V Z
R4558 33 CH
R4559 10 CH
C4524 1u 16V KZA097WJ
R4567 33 F
R4588 10
C4525 1u 16V TVB
R4575 33 F
R4576 10
C4527 1u 16V TVB
R4581 33 CH
R4582 10 CH
C4529 1u 16V KZA097WJ
R4532 33
COM
VL255 VL247 VL191 VL159 VL127 VL95 VL63 VL31 VL0 VH0 VH31 VH63 VH95 VH127 VH159 VH191 VH247
TCON_TOP UNIT 6/9
DUNTKC478UJ03
(PWBXC478WJ)
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
D101
D102

■TCON_TOP Unit-7/9 (Display)



TCON_TOP 7(PANEL)
TCONT_TOP UNIT 7/9
DUNTKC478UJ03
(PWBXC478WJ)
SC4701 NA222WJ TO PANEL
SC4702 NA222WJ TO PANEL
TO TCON-R/L
TO POWER
VSH
VLS
VGH
VGL
UCS1
UCS2
R4726 0
R4727 0
CS1
CS2
TO GRAYLEVEL
COM
VH0
VH31
VH63
VH95
VH127
VH159
VH191
VH247
VH255
VL0
VL31
VL63
VL95
VL127
VL159
VL191
VL247
VL255
TO MICOM
DREV
LLBR
R4703 33
ULBR
RGSP1
R4706 33
UGSP1
RGSP2
R4708 33
UGSP2
RGCK
R4710 33
UGCK
RPOWER
R4712 33
UPOWER
RGLBR1
R4714 33
UGLBR1
RGLBR2
R4716 33
UGLBR2
RLS
RREV
R4717 33
URREV
RREV_INV
R4718 33
C4701 0.1u
C4702 100u 6.3V AAPE
C4703 0.1u
C4704 100u 6.3V AAPE
C4705 0.1u
C4706 ASX 22u35V
C4707 0.1u
C4708 22u 35V ASX
FL4701 NA002WJ
FL4702 NA002WJ
FL4703 NA002WJ
FL4704 NA002WJ
R4728 1K
R4729 1K
R4730 0
H
G
F
E
D
C
B
A
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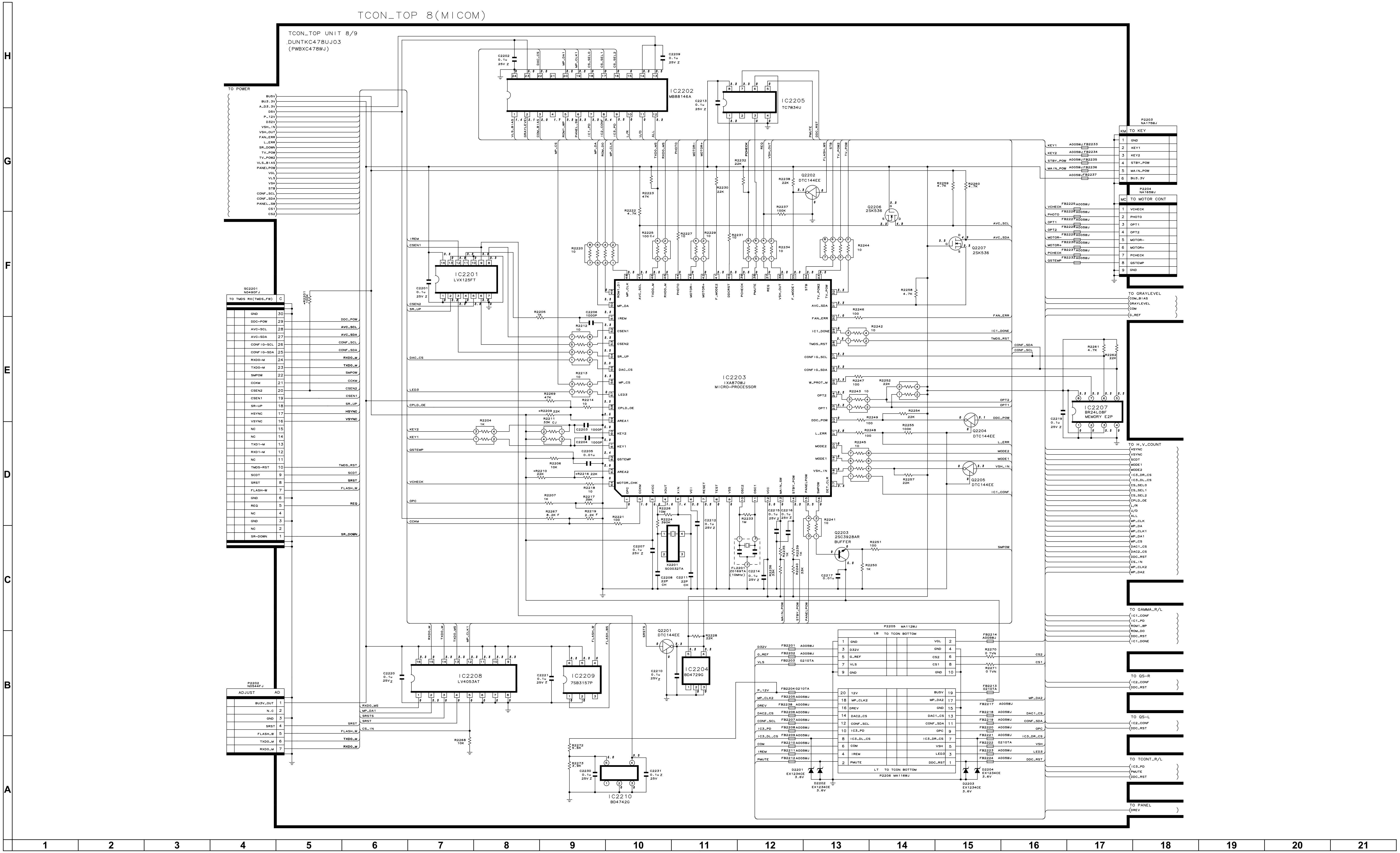
D103

D104

■TCON_TOP Unit-8/9 (Display)


TCON_TOP 8(MICOM)
TCON_TOP UNIT 8/9
DUNTKC478UJ03
(PWBXC478WJ)
TO POWER
IC2202
MB88146A
IC2205
TC7W34U
IC2201
LVX125FT
IC2203
IXA870WJ
MICRO-PROCESSOR
IC2207
BR24L08F
MEMORY E2P
IC2208
LV4053AT
IC2209
7SB3157P
IC2204
BD4729G
IC2210
BD4742G
Q2201
DTC144EE
Q2202
DTC144EE
Q2203
2SC3928AR
BUFFER
Q2204
DTC144EE
Q2205
DTC144EE
Q2206
2SK536
Q2207
2SK536
X2201
SC0032TA
FL2201
Z0169TA
(10MHz)
SC2201
N0490FJ
TO TMDS RX(TMDS_FW)
P2202
N0544FJ
ADJUST
P2203
NA175WJ
TO KEY
P2204
NA165WJ
TO MOTOR CONT
P2205 MA112WJ
LB TO TCON BOTTOM
LT TO TCON BOTTOM
P2206 MA116WJ
TO GRAYLEVEL
TO H.V_COUNT
TO GAMMA_R/L
TO QS-R
TO QS-L
TO TCONT_R/L
TO PANEL
D2201 EX1234CE 3.6V
D2202 EX1234CE 3.6V
D2203 EX1234CE 3.6V
D2204 EX1234CE 3.6V
H
G
F
E
D
C
B
A
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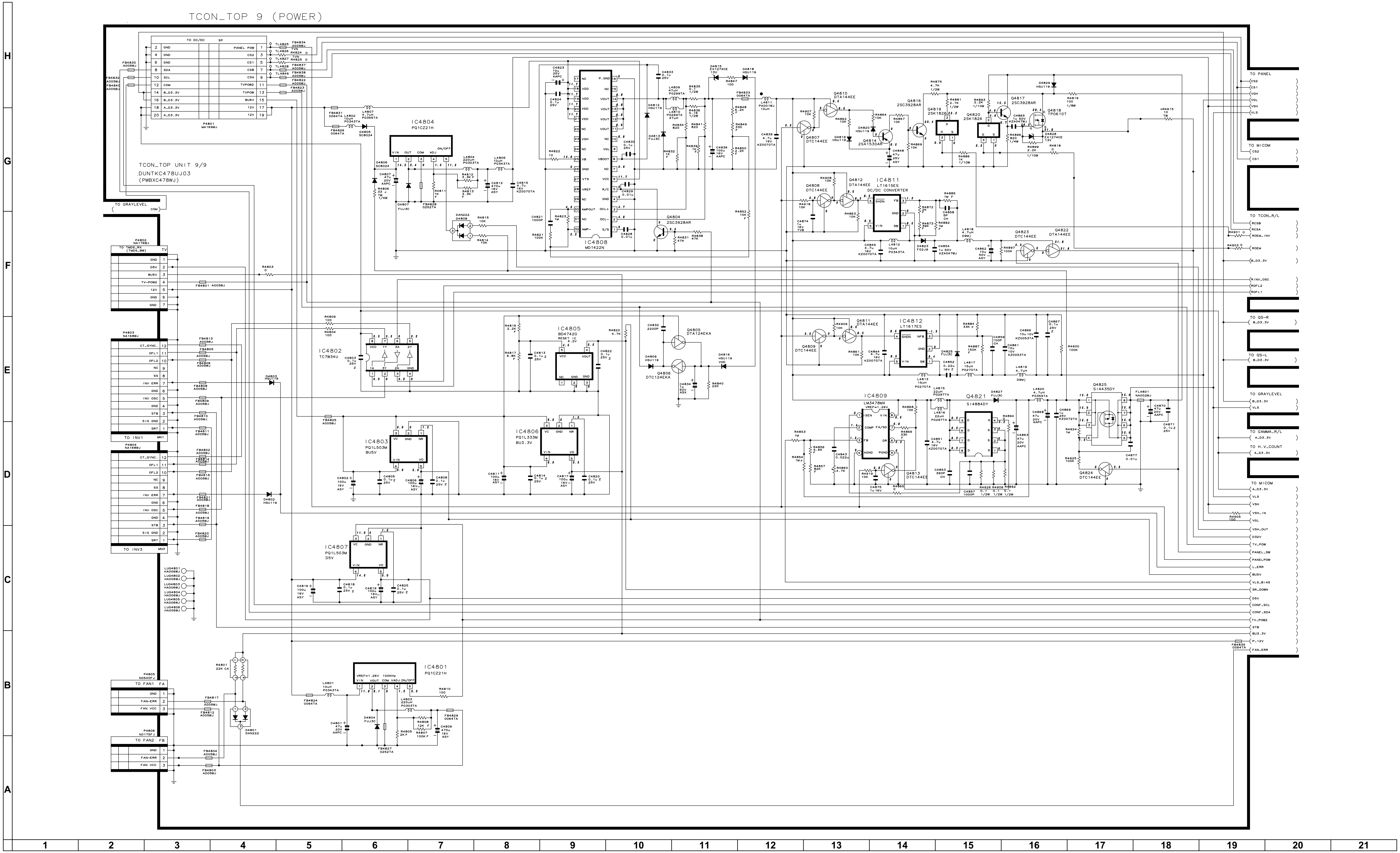
■TCON_TOP Unit-9/9 (Display)


TCON_TOP 9 (POWER)
TCON_TOP UNIT 9/9
DUNTKC478UJ03
(PWBXC478WJ)
TO DC/DC
P4801
MA169WJ
PANEL POW
GND
SDA
SCL
COM
B_D3.3V
A_D3.3V
CS2
CS1
CSB
CSA
TVPOW2
TVPOW
BU6V
12V
TO GRAYLEVEL
P4802
NA176WJ
TO TMDS_RX (TMDS_BW)
TV-POW2
D5V
BU5V
P4803
NA168WJ
TO INV1
P4804
NA168WJ
TO INV3
CT_SYNC
OFL1
OFL2
INV ERR
INV OSC
STB
SIG GND
SRT
P4805
N0540FJ
TO FAN1
P4806
N0175FJ
TO FAN2
FAN-ERR
FAN VCC
IC4801
PQ1CZ21H
IC4802
TC7W34U
IC4803
PQ1L503M
BU5V
IC4804
PQ1CZ21H
IC4805
BD4742G
RESET IC
IC4806
PQ1L333M
BU3.3V
IC4807
PQ1L503M
D5V
IC4808
MD1422N
IC4809
LM3478MX
IC4811
LT1615ES
DC/DC CONVERTER
IC4812
LT1617ES
Q4804
2SC3928AR
Q4805
DTA124EKA
Q4806
DTC124EKA
Q4807
DTC144EE
Q4808
DTC144EE
Q4809
DTC144EE
Q4810
DTA144EE
Q4811
DTA144EE
Q4812
DTA144EE
Q4813
DTC144EE
Q4814
2SA1530AR
Q4816
2SC3928AR
Q4817
2SC3928AR
Q4818
TP0610T
Q4819
2SK1826
Q4820
2SK1826
Q4821
SI4884DY
Q4822
DTA144EE
Q4823
DTC144EE
Q4824
DTC144EE
Q4825
SI4435DY
TO PANEL
CS2
CS1
VGH
VCL
VSH
VLS
TO MICOM
TO TCON_R/L
RCSB
RCSA
ROEM_INV
ROEM
B_D3.3V
RINV_OSC
ROFL2
ROFL1
TO QS-R
TO QS-L
TO GRAYLEVEL
TO GAMMA_R/L
A_D3.3V
TO H.V_COUNT
TO MICOM
VSH_IN
VSH_OUT
D32V
TV_POW
PANEL_SW
PANELPOW
I_ERR
BU5V
VLS_BIAS
SR_DOWN
D5V
CONF_SCL
CONF_SDA
TV_POW2
STB
BU3.3V
P_12V
FAN_ERR
A
B
C
D
E
F
G
H
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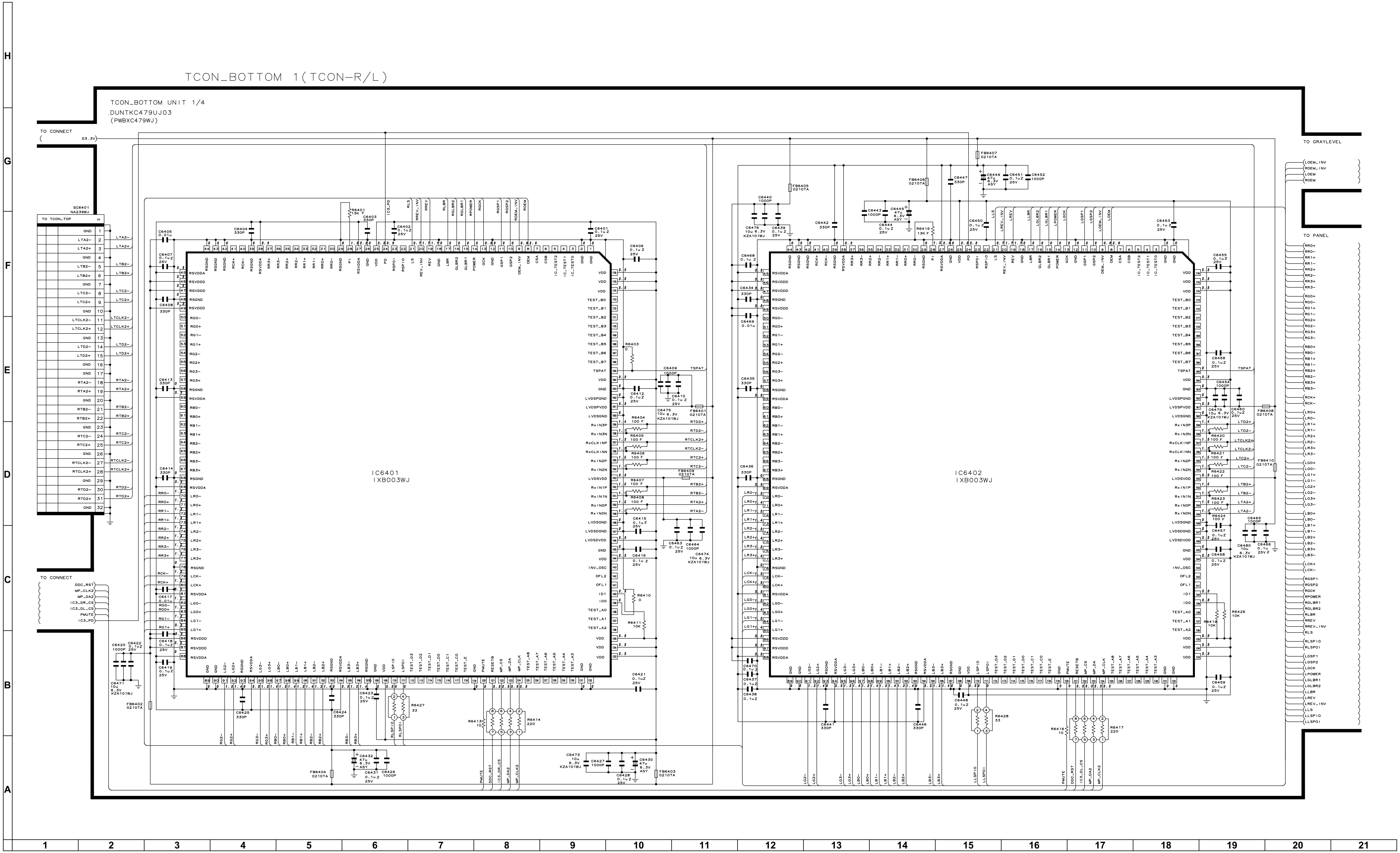
D107

D108

■TCON_BOTTOM Unit-1/4 (Display)


TCON_BOTTOM 1(TCON-R/L)
TCON_BOTTOM UNIT 1/4
DUNTKC479UJ03
(PWBXC479WJ)
TO CONNECT
D3.3V
SC6401
NA239WJ
TO TCON_TOP
IC6401
IXB003WJ
IC6402
IXB003WJ
TO GRAYLEVEL
TO PANEL
TSPAT
FB6401 0210TA
FB6402 0210TA
FB6403 0210TA
FB6404 0210TA
FB6405 0210TA
FB6406 0210TA
FB6407 0210TA
FB6408 0210TA
FB6409 0210TA
FB6410 0210TA
DDC_RST
MP_CLK2
MP_DA2
IC3_DR_CS
IC3_DL_CS
PMUTE
IC3_PD
H
G
F
E
D
C
B
A
1
2
3
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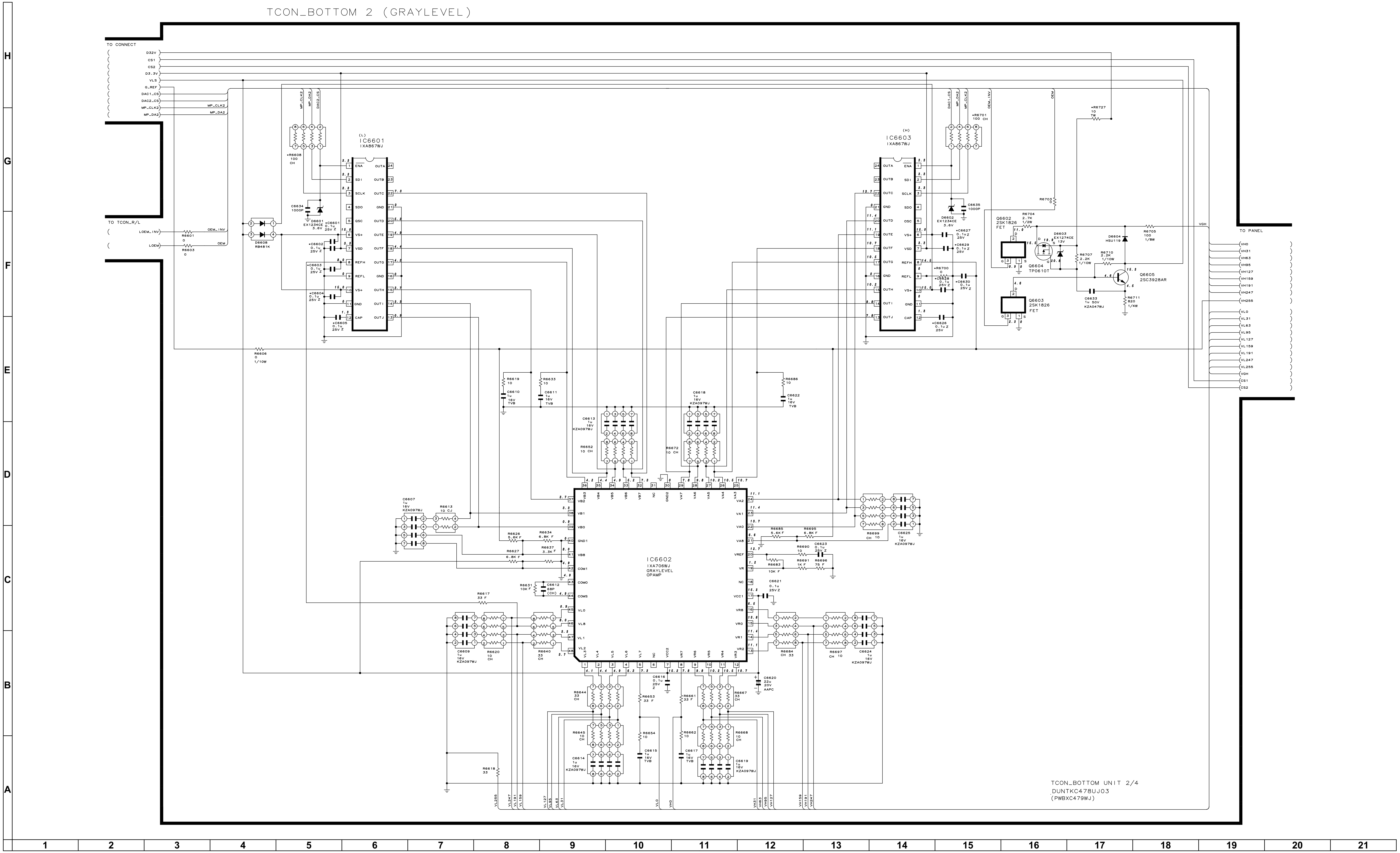
■TCON_BOTTOM Unit-2/4 (Display)


TCON_BOTTOM 2 (GRAYLEVEL)
TO CONNECT
D32V
CS1
CS2
D3.3V
VLS
G_REF
DAC1_CS
DAC2_CS
MP_CLK2
MP_DA2
TO TCON_R/L
LOEM_INV
LOEM
OEM_INV
OEM
IC6601
IXA867WJ
IC6603
IXA867WJ
IC6602
IXA706WJ
GRAYLEVEL
OPAMP
D6601
EX1234CE
D6602
EX1234CE
D6603
EX1274CE
D6604
HSU119
D6608
RB481K
Q6602
2SK1826
FET
Q6603
2SK1826
FET
Q6604
TP0610T
Q6605
2SC3928AR
TO PANEL
VH0
VH31
VH63
VH95
VH127
VH159
VH191
VH247
VH255
VL0
VL31
VL63
VL95
VL127
VL159
VL191
VL247
VL255
VGH
CS1
CS2
TCON_BOTTOM UNIT 2/4
DUNTKC478UJ03
(PWBXC479WJ)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
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18
19
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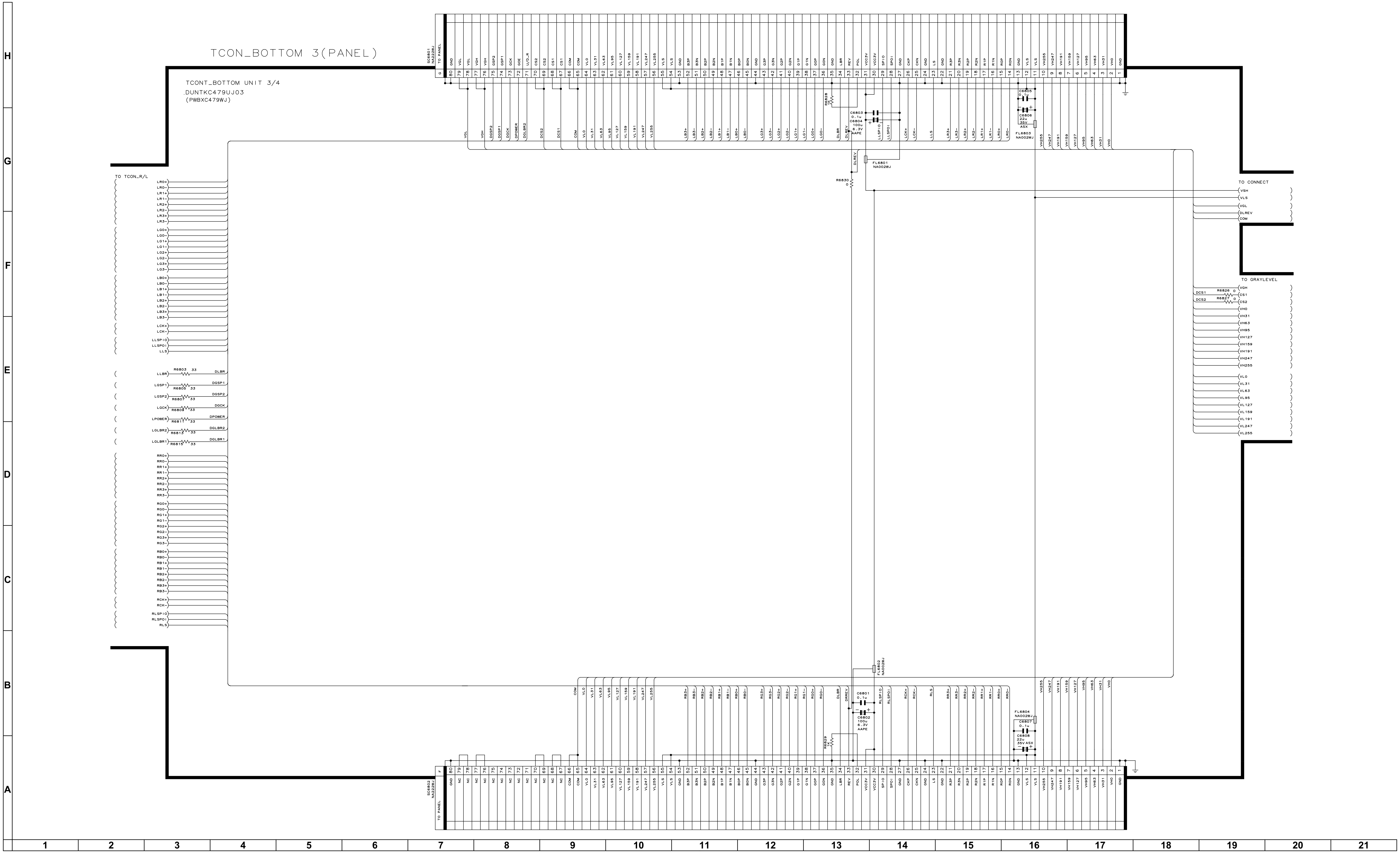
D111

D112

■TCON_BOTTOM Unit-3/4 (Display)


TCON_BOTTOM 3(PANEL)
TCONT_BOTTOM UNIT 3/4
.DUNTKC479UJ03
(PWBXC479WJ)
SC6801
NA222WJ
TO PANEL
SC6802
NA222WJ
TO PANEL
TO TCON_R/L
TO CONNECT
VSH
VLS
VGL
DLREV
COM
TO GRAYLEVEL
VGH
CS1
CS2
DCS1
DCS2
R6826 0
R6827 0
VH0
VH31
VH63
VH95
VH127
VH159
VH191
VH247
VH255
VL0
VL31
VL63
VL95
VL127
VL159
VL191
VL247
VL255
LR0+
LR0-
LR1+
LR1-
LR2+
LR2-
LR3+
LR3-
LG0+
LG0-
LG1+
LG1-
LG2+
LG2-
LG3+
LG3-
LB0+
LB0-
LB1+
LB1-
LB2+
LB2-
LB3+
LB3-
LCK+
LCK-
LLSPIO
LLSPOI
LLS
LLBR
R6803 33
DLBR
LGSP1
R6805 33
DGSP1
LGSP2
R6807 33
DGSP2
LGCK
R6809 33
DGCK
LPOWER
R6811 33
DPOWER
LGLBR2
R6813 33
DGLBR2
LGLBR1
R6815 33
DGLBR1
RR0+
RR0-
RR1+
RR1-
RR2+
RR2-
RR3+
RR3-
RG0+
RG0-
RG1+
RG1-
RG2+
RG2-
RG3+
RG3-
RB0+
RB0-
RB1+
RB1-
RB2+
RB2-
RB3+
RB3-
RCK+
RCK-
RLSPIO
RLSPOI
RLS
R6828
R6829
R6830 0
C6803 0.1u
C6804 100u 6.3V AAPE
C6805 0.1u
C6806 22u 35V ASX
C6801 0.1u
C6802 100u 6.3V AAPE
C6807 0.1u
C6808 22u 35V ASX
FL6801 NA002WJ
FL6802 NA002WJ
FL6803 NA002WJ
FL6804 NA002WJ
H
G
F
E
D
C
B
A
1
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3
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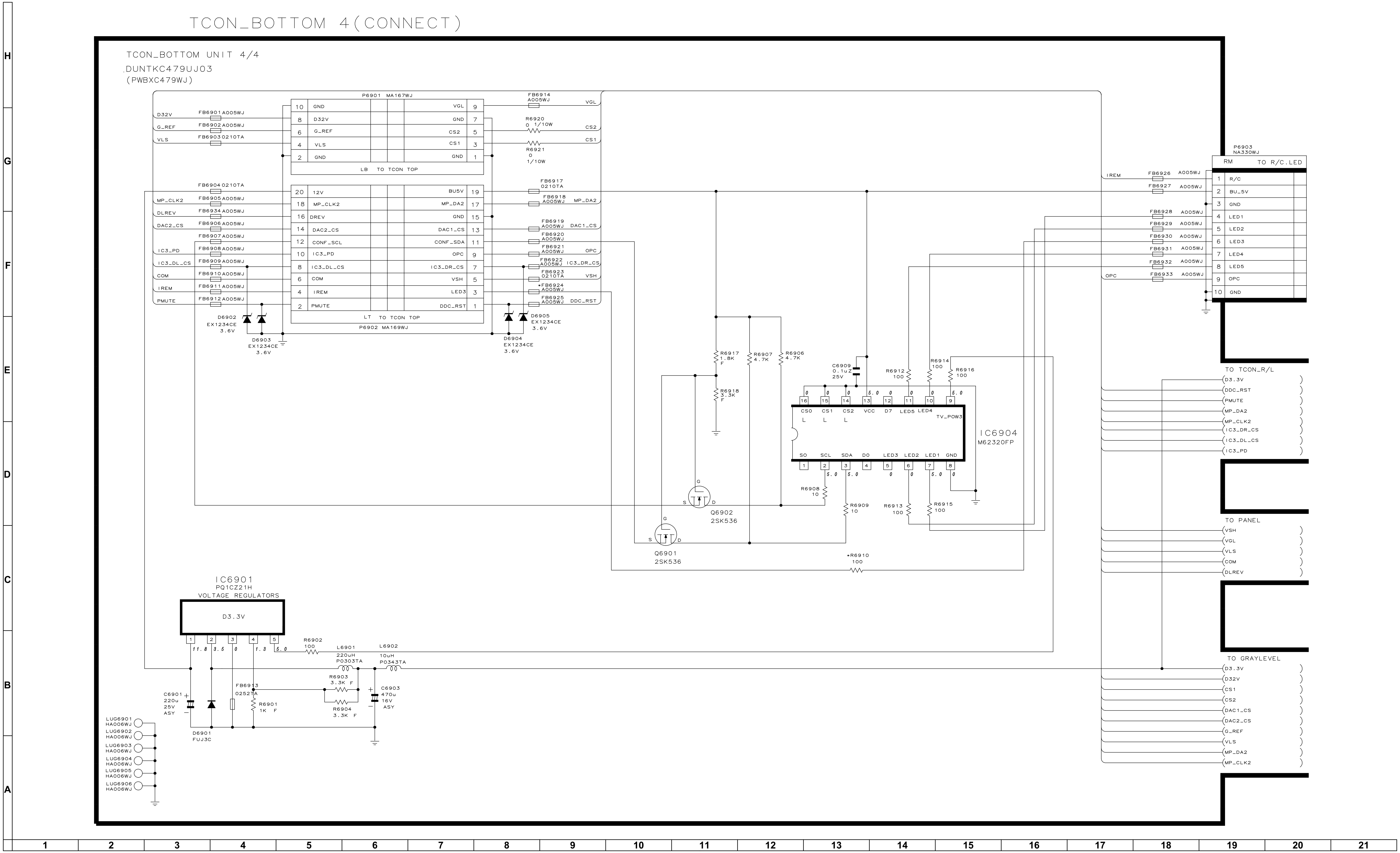
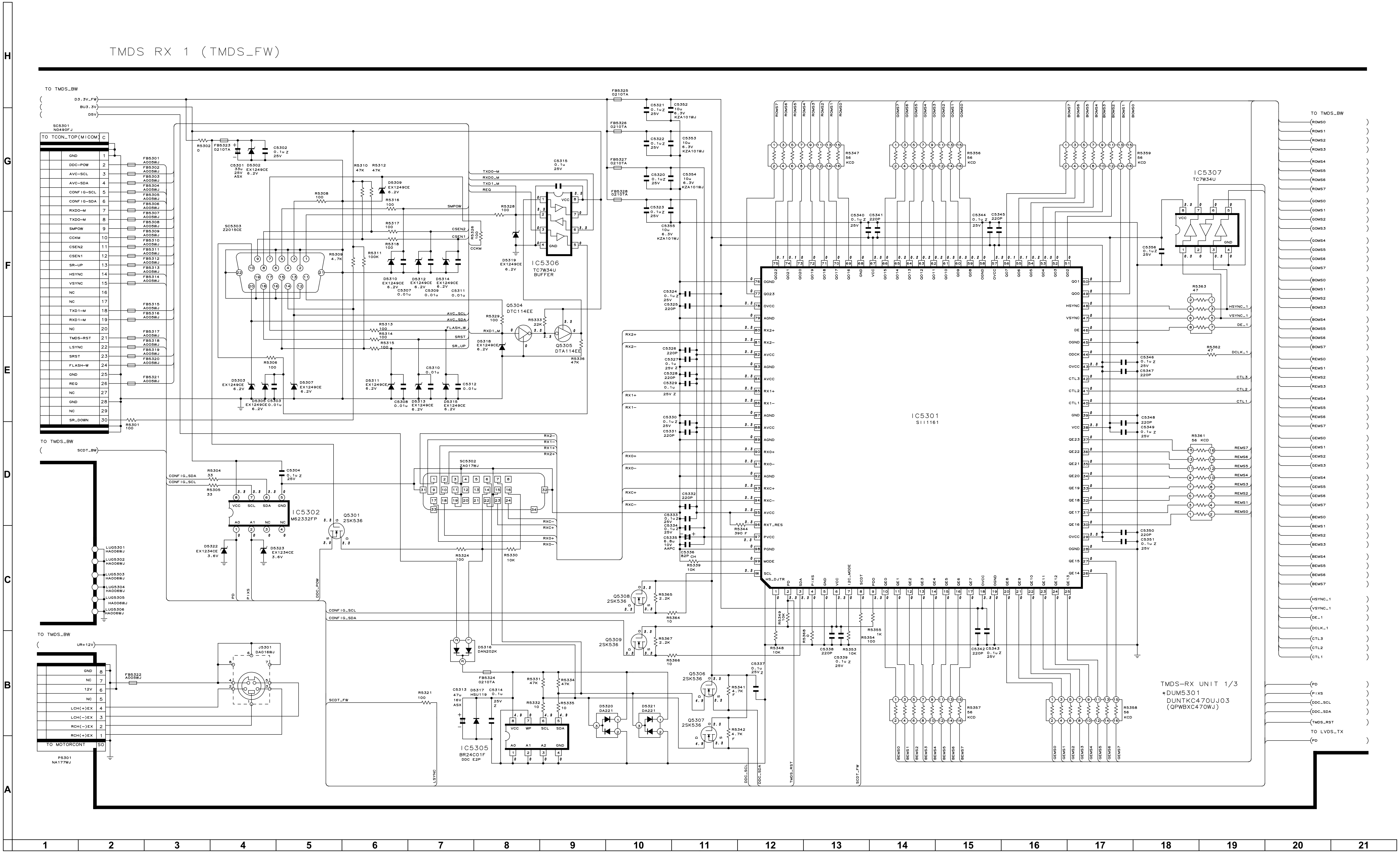
D113

D114

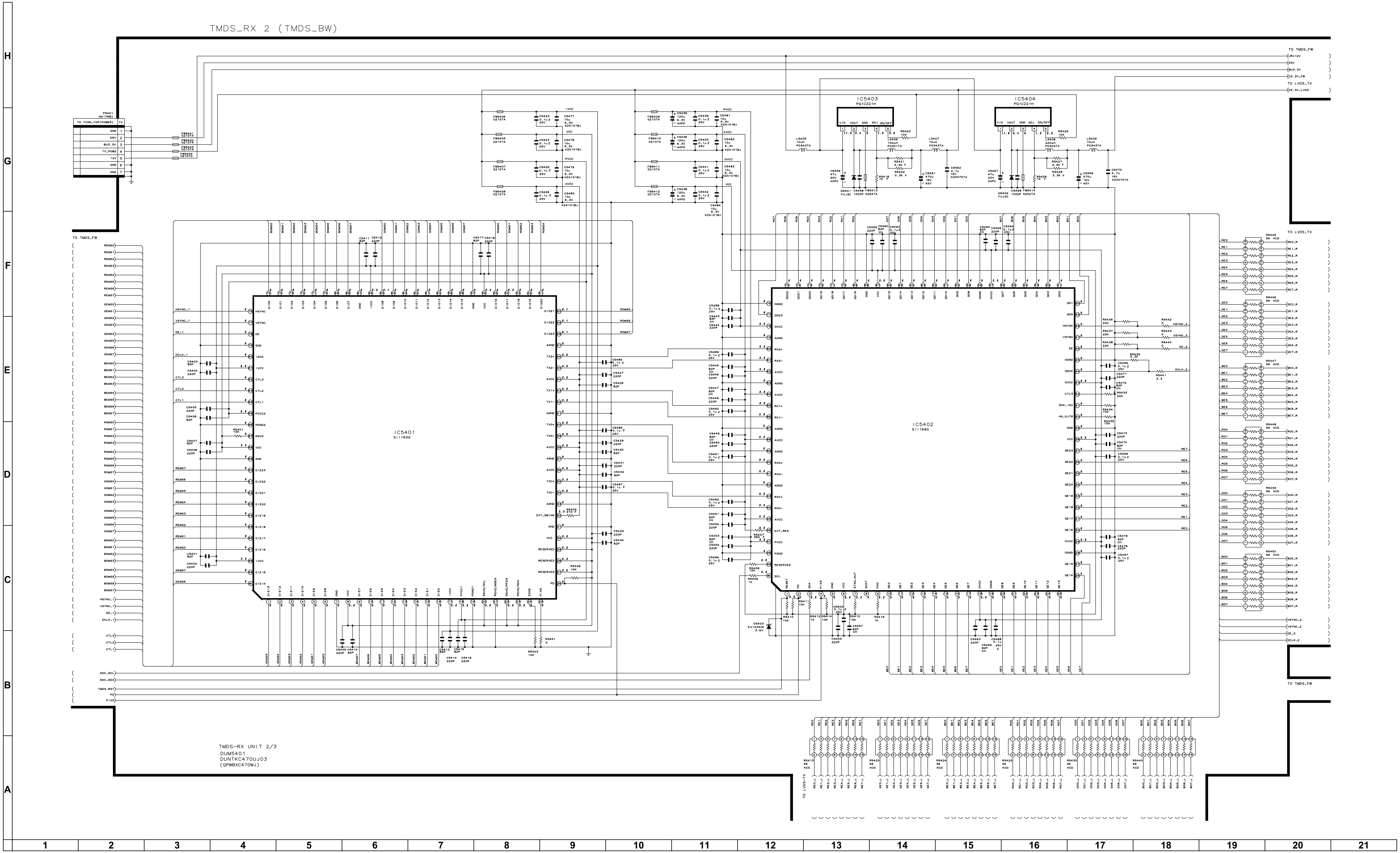
■TCON_BOTTOM Unit-4/4 (Display)


TCON_BOTTOM 4(CONNECT)
TCON_BOTTOM UNIT 4/4
DUNTKC479UJ03
(PWBXC479WJ)
P6901 MA167WJ
LB TO TCON TOP
P6902 MA169WJ
LT TO TCON TOP
GND
D32V
G_REF
VLS
VGL
CS2
CS1
12V
MP_CLK2
DREV
DAC2_CS
CONF_SCL
IC3_PD
IC3_DL_CS
COM
IREM
PMUTE
BU5V
MP_DA2
DAC1_CS
CONF_SDA
OPC
IC3_DR_CS
VSH
LED3
DDC_RST
FB6901 A005WJ
FB6902 A005WJ
FB6903 0210TA
FB6904 0210TA
FB6905 A005WJ
FB6934 A005WJ
FB6906 A005WJ
FB6907 A005WJ
FB6908 A005WJ
FB6909 A005WJ
FB6910 A005WJ
FB6911 A005WJ
FB6912 A005WJ
FB6914 A005WJ
R6920 0 1/10W
R6921 0 1/10W
FB6917 0210TA
FB6918 A005WJ
FB6919 A005WJ
FB6920 A005WJ
FB6921 A005WJ
FB6922 A005WJ
FB6923 0210TA
FB6924 A005WJ
FB6925 A005WJ
D6902 EX1234CE 3.6V
D6903 EX1234CE 3.6V
D6904 EX1234CE 3.6V
D6905 EX1234CE 3.6V
P6903 NA330WJ
RM TO R/C.LED
R/C
BU_5V
GND
LED1
LED2
LED3
LED4
LED5
OPC
GND
FB6926 A005WJ
FB6927 A005WJ
FB6928 A005WJ
FB6929 A005WJ
FB6930 A005WJ
FB6931 A005WJ
FB6932 A005WJ
FB6933 A005WJ
R6917 1.8K F
R6918 3.3K F
R6907 4.7K
R6906 4.7K
C6909 0.1uZ 25V
R6912 100
R6914 100
R6916 100
IC6904 M62320FP
CS0 CS1 CS2 VCC D7 LED5 LED4 TV_POW3
SO SCL SDA D0 LED3 LED2 LED1 GND
R6908 10
R6909 10
R6913 100
R6915 100
Q6902 2SK536
Q6901 2SK536
R6910 100
TO TCON_R/L
D3.3V
DDC_RST
PMUTE
MP_DA2
MP_CLK2
IC3_DR_CS
IC3_DL_CS
IC3_PD
TO PANEL
VSH
VGL
VLS
COM
DLREV
TO GRAYLEVEL
D3.3V
D32V
CS1
CS2
DAC1_CS
DAC2_CS
G_REF
VLS
MP_DA2
MP_CLK2
IC6901 PQ1CZ21H
VOLTAGE REGULATORS
D3.3V
11.8 3.5 0 1.3 5.0
R6902 100
L6901 220uH P0303TA
L6902 10uH P0343TA
R6903 3.3K F
R6904 3.3K F
C6903 470u 16V ASY
C6901 220u 25V ASY
FB6913 0252TA
R6901 1K F
D6901 FUJ3C
LUG6901 HA006WJ
LUG6902 HA006WJ
LUG6903 HA006WJ
LUG6904 HA006WJ
LUG6905 HA006WJ
LUG6906 HA006WJ
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■TMDS_RX Unit-1/3 (Display)


TMDS RX 1 (TMDS_FW)
TO TMDS_BW
D3.3V_FW
BU3.3V
D5V
SC5301
N0490FJ
TO TCON_TOP(MICOM)
GND
DDC-POW
AVC-SCL
AVC-SDA
CONFIG-SCL
CONFIG-SDA
RXD0-M
TXD0-M
SMPOW
CCKM
CSEN2
CSEN1
SR-UP
HSYNC
VSYNC
NC
TXD1-M
RXD1-M
TMDS-RST
LSYNC
SRST
FLASH-W
REQ
SR_DOWN
R5301 100
R5302 0
FB5323 0210TA
C5301 33u 25V ASX
D5302 EX1249CE 6.2V
C5302 0.1u Z 25V
SC5303 Z2015CE
IC5306
TC7W34U
BUFFER
Q5304 DTC114EE
Q5305 DTA114EE
IC5302
M62332FP
Q5301 2SK536
SC5302 ZA017WJ
LUG5301 HA006WJ
LUG5302 HA006WJ
LUG5303 HA006WJ
LUG5304 HA006WJ
LUG5305 HA006WJ
LUG5306 HA006WJ
UR+12V
J5301 DA016WJ
P5301 NA177WJ
TO MOTORCONT
LCH(+)EX
LCH(-)EX
RCH(-)EX
RCH(+)EX
12V
FB5322 A005WJ
D5316 DAN202K
IC5305
BR24C01F
DDC E2P
D5320 DA221
D5321 DA221
Q5306 2SK536
Q5307 2SK536
Q5308 2SK536
Q5309 2SK536
FB5325 0210TA
FB5326 0210TA
FB5327 0210TA
FB5328 0210TA
IC5301
SII161
IC5307
TC7W34U
TO TMDS_BW
ROMS0 ROMS1 ROMS2 ROMS3 ROMS4 ROMS5 ROMS6 ROMS7
GOMS0 GOMS1 GOMS2 GOMS3 GOMS4 GOMS5 GOMS6 GOMS7
BOMS0 BOMS1 BOMS2 BOMS3 BOMS4 BOMS5 BOMS6 BOMS7
REMS0 REMS1 REMS2 REMS3 REMS4 REMS5 REMS6 REMS7
GEMS0 GEMS1 GEMS2 GEMS3 GEMS4 GEMS5 GEMS6 GEMS7
BEMS0 BEMS1 BEMS2 BEMS3 BEMS4 BEMS5 BEMS6 BEMS7
HSYNC_1
VSYNC_1
DE_1
DCLK_1
CTL3
CTL2
CTL1
PD
PIXS
DDC_SCL
DDC_SDA
TMDS_RST
TO LVDS_TX
TMDS-RX UNIT 1/3
*DUM5301
DUNTKC470UJ03
(QPWBXC470WJ)
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■TMDS_RX Unit-2/3 (Display)


TMDS_RX 2 (TMDS_BW)
P5401
NA176WJ
TO TCON_TOP(POWER)
TV
GND 1
D5V 2
BU3.3V 3
TV_POW2 4
12V 5
GND 6
GND 7
FB5401 0210TA
FB5402 0210TA
FB5403 0210TA
FB5404 0210TA
IC5401
SiI160G
IC5402
SiI169G
IC5403
PQ1CZ21H
IC5404
PQ1CZ21H
VIN VOUT GND ADJ ON/OFF
D5401 FUJ3C
D5402 FUJ3C
D5403 EX1234CE 3.6V
TO TMDS_FW
UR+12V
D5V
BU3.3V
D3.3V_FW
TO LVDS_TX
D3.3V_LVDS
TO TMDS_FW
HSYNC_1
VSYNC_1
DE_1
DCLK_1
CTL3
CTL2
CTL1
DDC_SCL
DDC_SDA
TMDS_RST
PD
PIXS
TO LVDS_TX
HSYNC_2
VSYNC_2
DE_2
DCLK_2
TO TMDS_FW
TO LVDS_TX
TMDS-RX UNIT 2/3
.DUM5401
DUNTKC470UJ03
(QPWBXC470WJ)
H
G
F
E
D
C
B
A
1
2
3
4
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6
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8
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16
17
18
19
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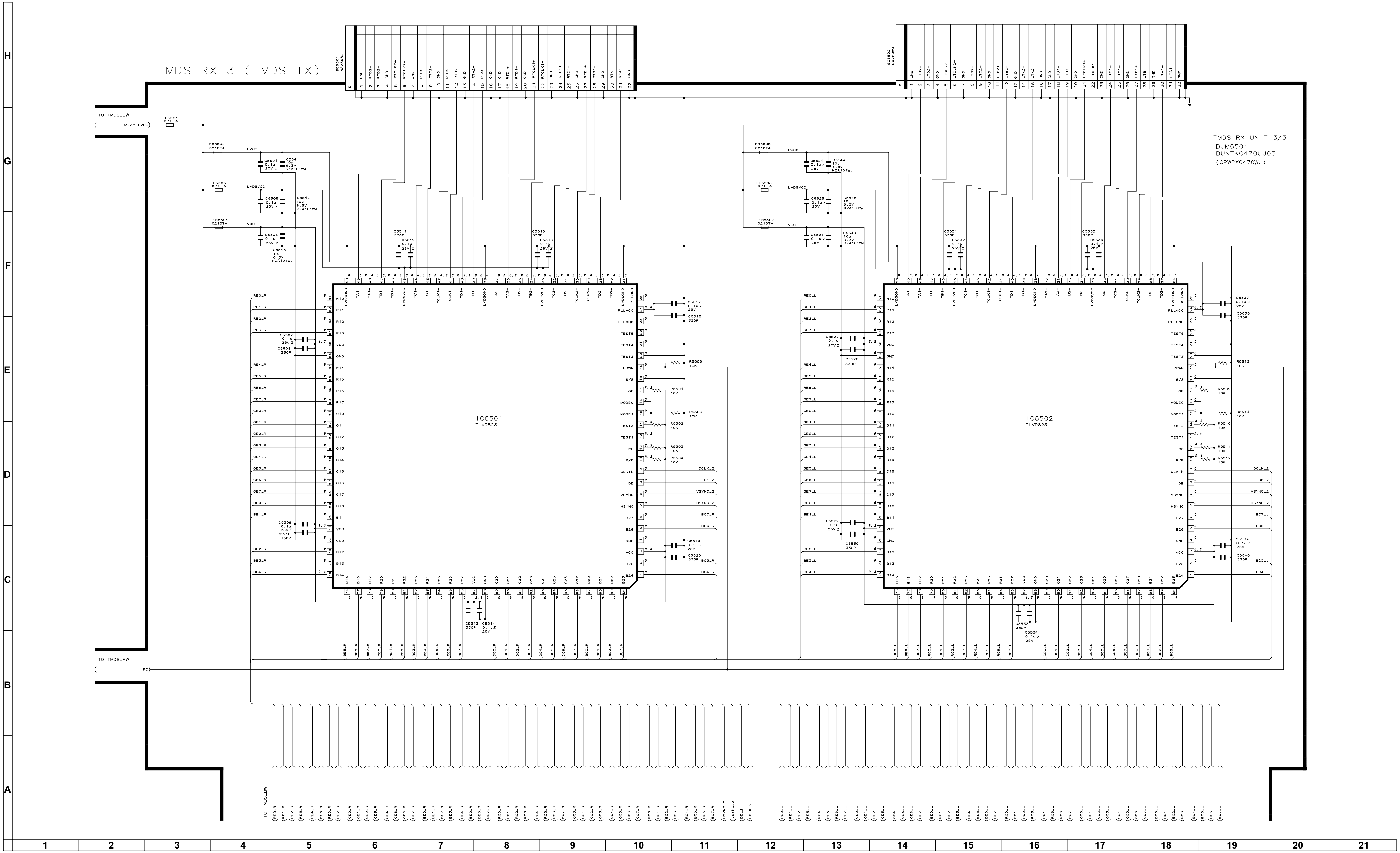
21

D119

D120

■TMDS_RX Unit-3/3 (Display)


TMDS RX 3 (LVDS_TX)
SC5501
NA289WJ
SC5502
NA289WJ
TO TMDS_BW
D3.3V_LVDS
FB5501 0210TA
FB5502 0210TA
FB5503 0210TA
FB5504 0210TA
FB5505 0210TA
FB5506 0210TA
FB5507 0210TA
PVCC
LVDSVCC
VCC
IC5501
TLVD823
IC5502
TLVD823
TMDS-RX UNIT 3/3
DUM5501
DUNTKC470UJ03
(QPWBXC470WJ)
TO TMDS_FW
PD
DCLK_2
DE_2
VSYNC_2
HSYNC_2
H
G
F
E
D
C
B
A
1
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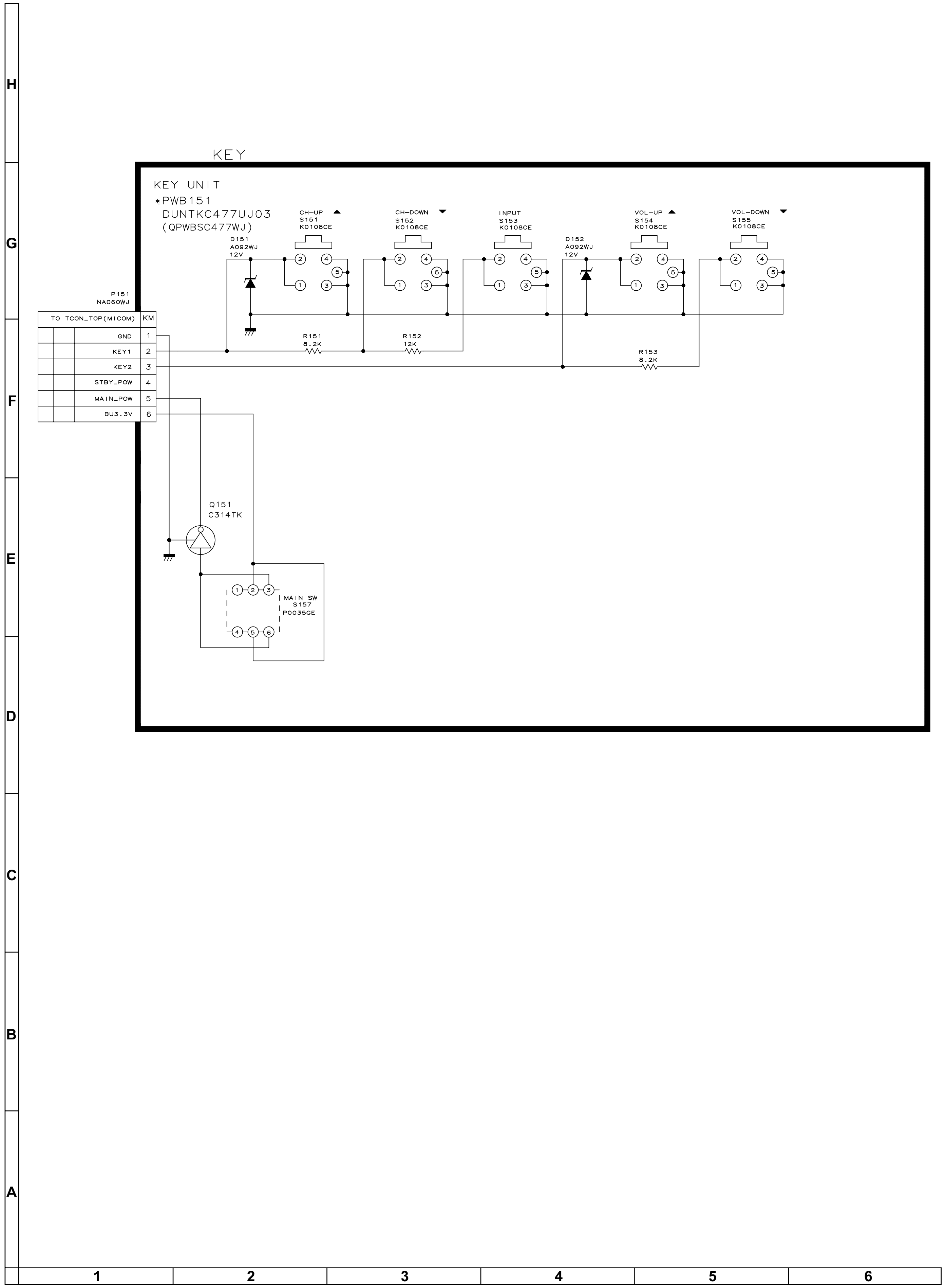
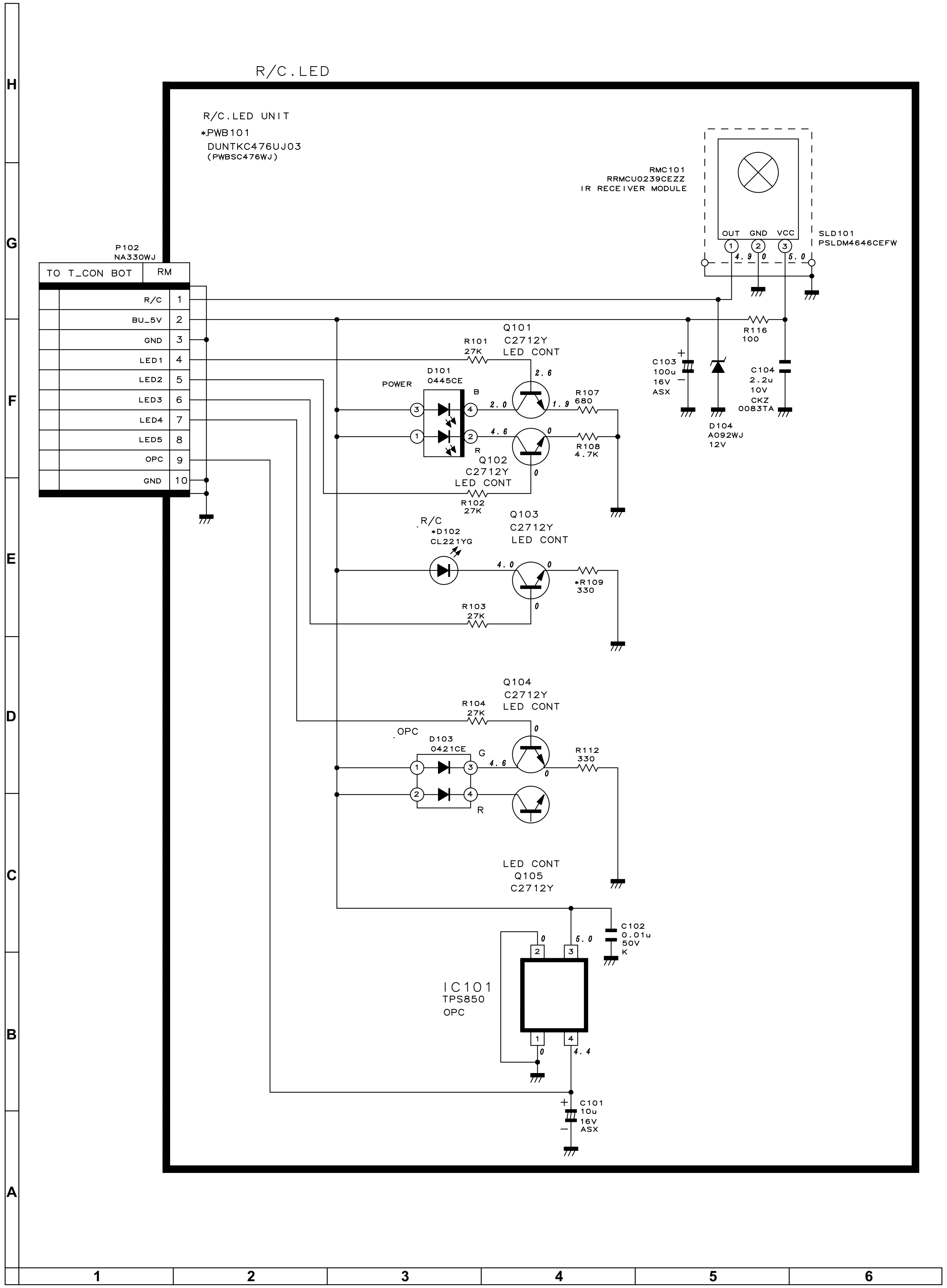
D121

D122

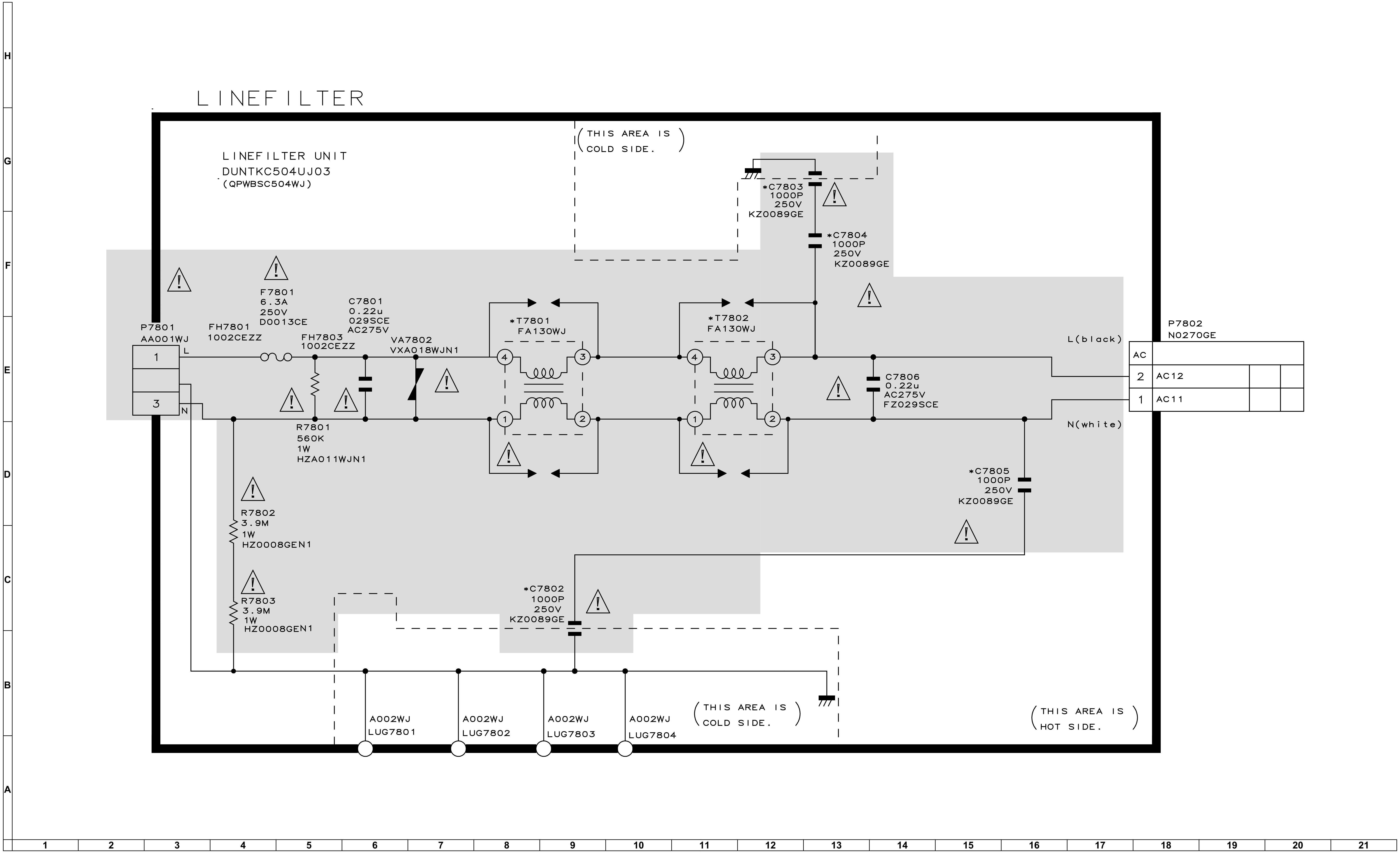
■KEY Unit (Display)


KEY
KEY UNIT
*PWB151
DUNTKC477UJ03
(QPWBSC477WJ)
CH-UP ▲
S151
K0108CE
CH-DOWN ▼
S152
K0108CE
INPUT
S153
K0108CE
VOL-UP ▲
S154
K0108CE
VOL-DOWN ▼
S155
K0108CE
D151
A092WJ
12V
D152
A092WJ
12V
P151
NA060WJ
TO TCON_TOP(MICOM)
KM
GND 1
KEY1 2
KEY2 3
STBY_POW 4
MAIN_POW 5
BU3.3V 6
R151
8.2K
R152
12K
R153
8.2K
Q151
C314TK
MAIN SW
S157
P0035GE
H
G
F
E
D
C
B
A
1
2
3
4
5
6

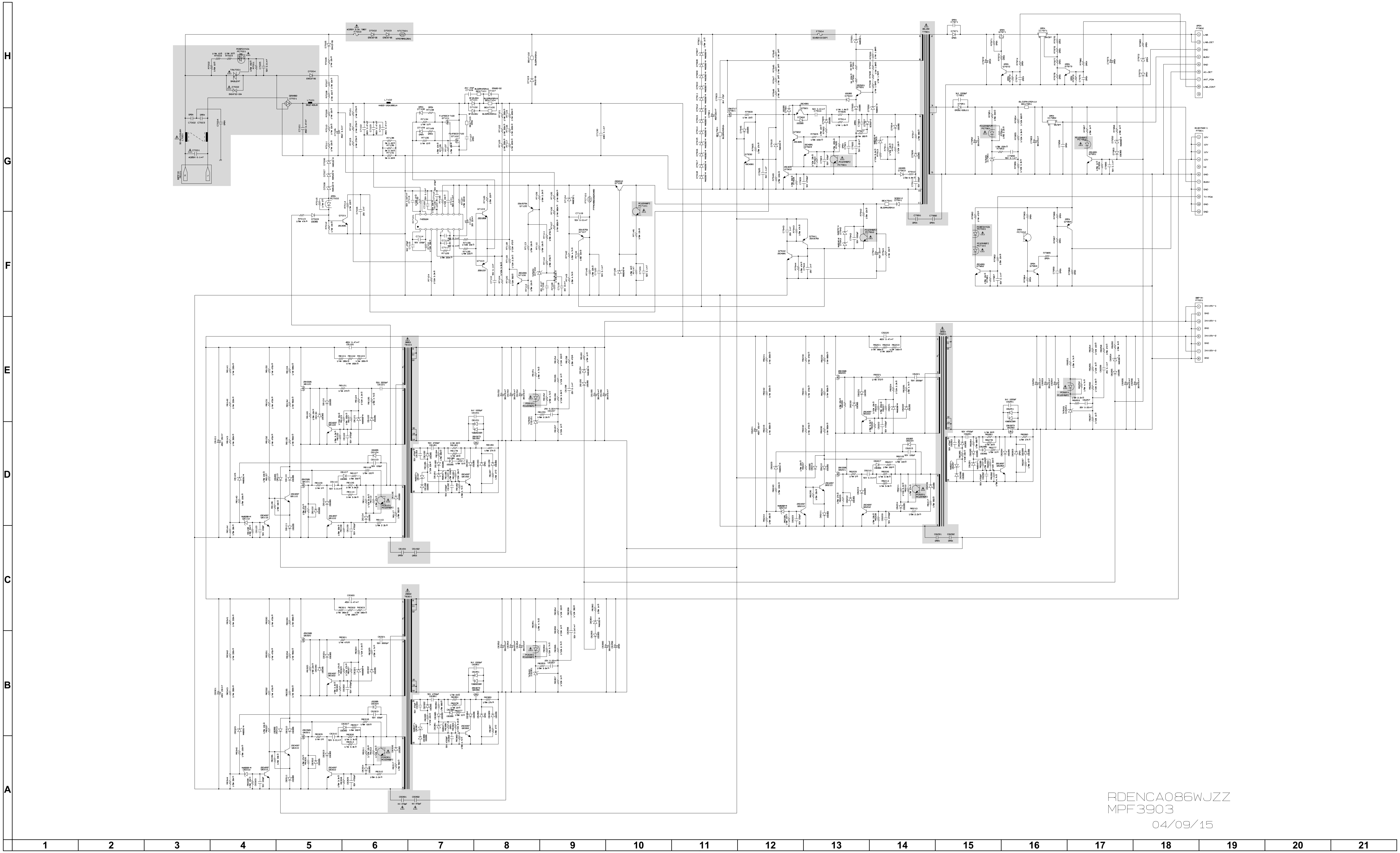
■R/C LED Unit (Display)


R/C.LED
R/C.LED UNIT
*PWB101
DUNTKC476UJ03
(PWBSC476WJ)
RMC101
RRMCU0239CEZZ
IR RECEIVER MODULE
OUT GND VCC
SLD101
PSLDM4646CEFW
4.9
0
5.0
P102
NA330WJ
TO T_CON BOT
RM
R/C 1
BU_5V 2
GND 3
LED1 4
LED2 5
LED3 6
LED4 7
LED5 8
OPC 9
GND 10
R116
100
C103
100u
16V
ASX
D104
A092WJ
12V
C104
2.2u
10V
CKZ
0083TA
Q101
C2712Y
LED CONT
R101
27K
POWER
D101
0445CE
B
R
2.6
2.0
1.9
4.6
0
R107
680
R108
4.7K
Q102
C2712Y
LED CONT
R102
27K
R/C
*D102
CL221YG
Q103
C2712Y
LED CONT
4.0
*R109
330
R103
27K
Q104
C2712Y
LED CONT
R104
27K
OPC
D103
0421CE
G
R
R112
330
LED CONT
Q105
C2712Y
C102
0.01u
50V
K
IC101
TPS850
OPC
5.0
4.4
C101
10u
16V
ASX
H
G
F
E
D
C
B
A
1
2
3
4
5
6

■LINE_FILTER Unit (Display)


LINEFILTER
LINEFILTER UNIT
DUNTKC504UJ03
(QPWBSC504WJ)
(THIS AREA IS COLD SIDE.)
*C7803 1000P 250V KZ0089GE
*C7804 1000P 250V KZ0089GE
F7801 6.3A 250V D0013CE
C7801 0.22u 029SCE AC275V
P7801 AA001WJ
FH7801 1002CEZZ
FH7803 1002CEZZ
VA7802 VXA018WJN1
*T7801 FA130WJ
*T7802 FA130WJ
L(black)
N(white)
P7802 N0270GE
AC
2 AC12
1 AC11
1
3
L
N
4
3
1
2
R7801 560K 1W HZA011WJN1
C7806 0.22u AC275V FZ029SCE
*C7805 1000P 250V KZ0089GE
R7802 3.9M 1W HZ0008GEN1
R7803 3.9M 1W HZ0008GEN1
*C7802 1000P 250V KZ0089GE
A002WJ LUG7801
A002WJ LUG7802
A002WJ LUG7803
A002WJ LUG7804
(THIS AREA IS COLD SIDE.)
(THIS AREA IS HOT SIDE.)
H
G
F
E
D
C
B
A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

■POWER Unit (Display)


H
G
F
E
D
C
B
A
1
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10
11
12
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14
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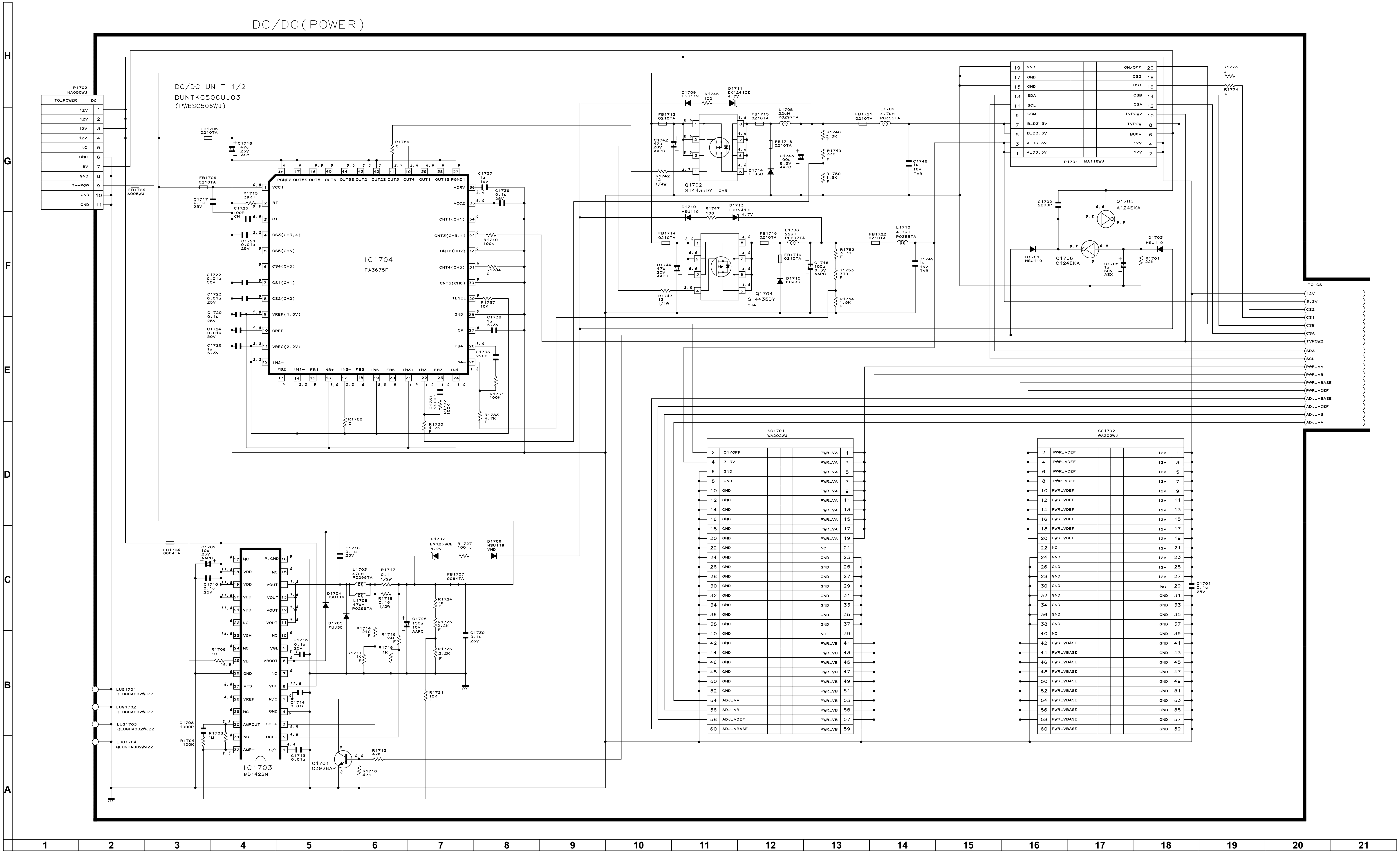
21
RDENCA086WJZZ
MPF3903
04/09/15

D127

D128

■DC/DC CONVERTER Unit-1/2 (Display)


DC/DC(POWER)
DC/DC UNIT 1/2
.DUNTKC506UJ03
(PWBSC506WJ)
P1702
NA050WJ
TO_POWER
DC
12V
NC
GND
6V
TV-POW
IC1704
FA3675F
Q1702
SI4435DY
Q1704
SI4435DY
P1701
MA116WJ
Q1705
A124EKA
Q1706
C124EKA
TO CS
12V
3.3V
CS2
CS1
CSB
CSA
TVPOW2
SDA
SCL
PWR_VA
PWR_VB
PWR_VBASE
PWR_VDEF
ADJ_VBASE
ADJ_VDEF
ADJ_VB
ADJ_VA
SC1701
WA202WJ
SC1702
WA202WJ
IC1703
MD1422N
Q1701
C3928AR
LUG1701
QLUGHA002WJZZ
LUG1702
QLUGHA002WJZZ
LUG1703
QLUGHA002WJZZ
LUG1704
QLUGHA002WJZZ
H
G
F
E
D
C
B
A
1
2
3
4
5
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16
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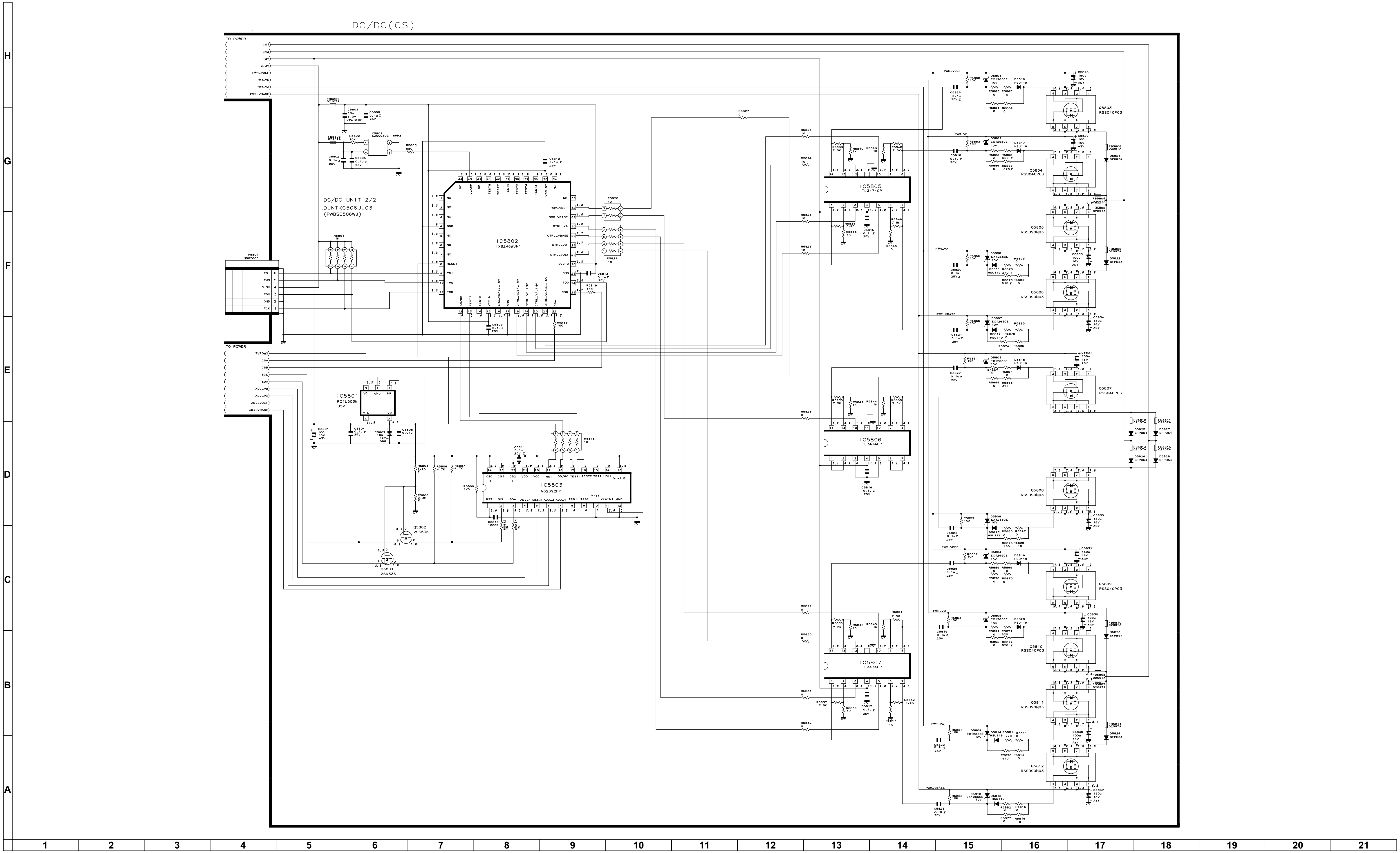
19
20
21

■DC/DC CONVERTER Unit-2/2 (Display)



DC/DC(CS)
TO POWER
CS1
CS2
12V
3.3V
PWR_VDEF
PWR_VB
PWR_VA
PWR_VBASE
DC/DC UNIT 2/2
DUNTKC506UJ03
(PWBSC506WJ)
P5801
TDI
TMS
3.3V
TDO
GND
TCK
IC5802
IXB246WJN1
X5801
16MHz
RCV_VDEF
SRC_VBASE
CTRL_VA
CTRL_VBASE
CTRL_VB
CTRL_VDEF
TO POWER
TVPOW2
CSA
CSB
SCL
SDA
ADJ_VB
ADJ_VA
ADJ_VDEF
ADJ_VBASE
IC5801
PQ1L503M
D5V
IC5803
M62392FP
Q5801
2SK536
Q5802
2SK536
IC5805
TL3474CP
IC5806
TL3474CP
IC5807
TL3474CP
Q5803
RSS040P03
Q5804
RSS040P03
Q5805
RSS090N03
Q5806
RSS090N03
Q5807
RSS040P03
Q5808
RSS090N03
Q5809
RSS040P03
Q5810
RSS040P03
Q5811
RSS090N03
Q5812
RSS090N03
H
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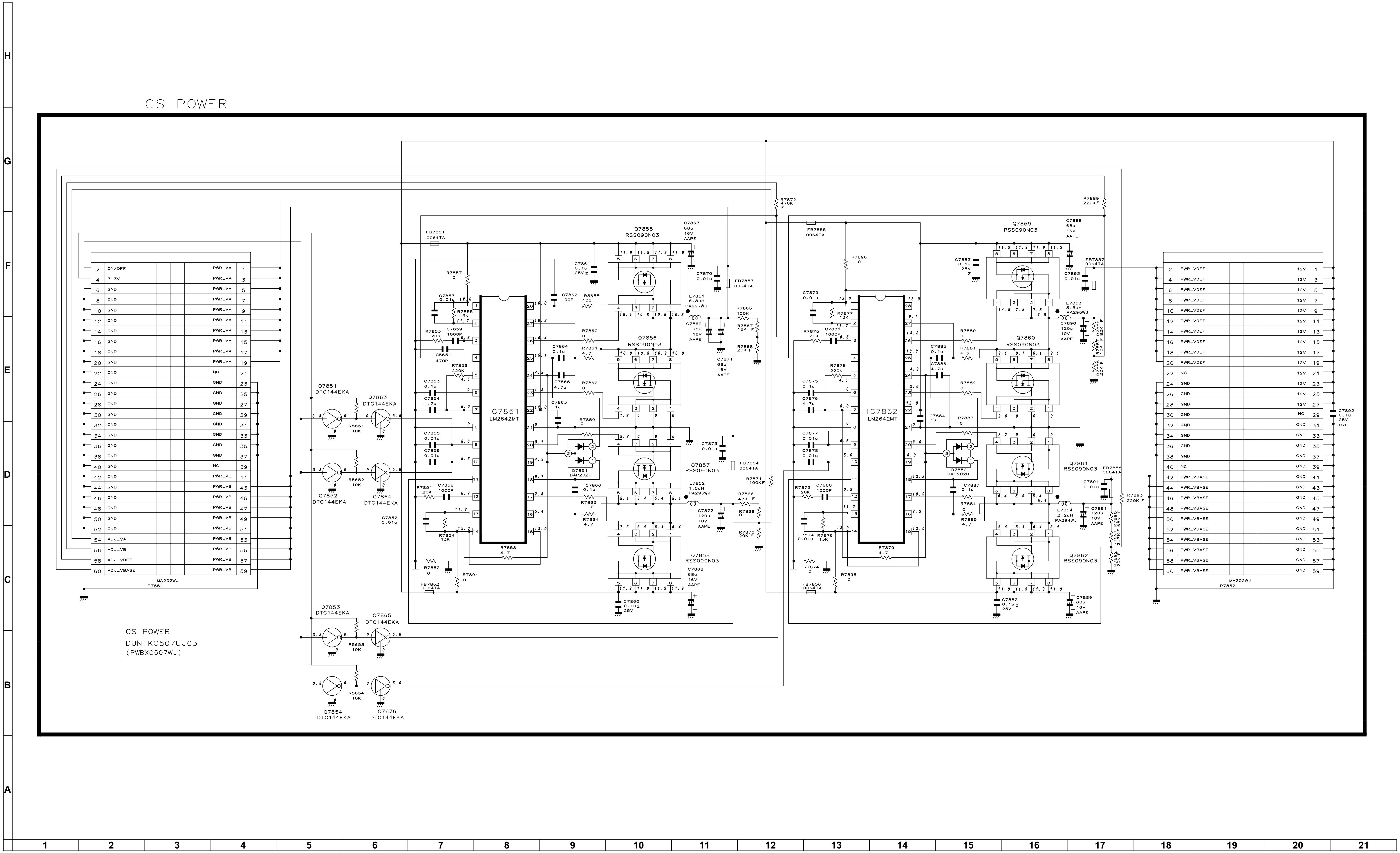
D131

D132

■CS_POWER Unit (Display)



CS POWER
P7851
MA202WJ
2 ON/OFF PWR_VA 1
4 3.3V PWR_VA 3
6 GND PWR_VA 5
8 GND PWR_VA 7
10 GND PWR_VA 9
12 GND PWR_VA 11
14 GND PWR_VA 13
16 GND PWR_VA 15
18 GND PWR_VA 17
20 GND PWR_VA 19
22 GND NC 21
24 GND GND 23
26 GND GND 25
28 GND GND 27
30 GND GND 29
32 GND GND 31
34 GND GND 33
36 GND GND 35
38 GND GND 37
40 GND NC 39
42 GND PWR_VB 41
44 GND PWR_VB 43
46 GND PWR_VB 45
48 GND PWR_VB 47
50 GND PWR_VB 49
52 GND PWR_VB 51
54 ADJ_VA PWR_VB 53
56 ADJ_VB PWR_VB 55
58 ADJ_VDEF PWR_VB 57
60 ADJ_VBASE PWR_VB 59
Q7851 DTC144EKA
Q7863 DTC144EKA
Q7852 DTC144EKA
Q7864 DTC144EKA
Q7853 DTC144EKA
Q7865 DTC144EKA
Q7854 DTC144EKA
Q7876 DTC144EKA
R5651 10K
R5652 10K
R5653 10K
R5654 10K
IC7851 LM2642MT
FB7851 0064TA
FB7852 0064TA
FB7853 0064TA
FB7854 0064TA
R7857 0
C7857 0.01u
R7855 13K
R7853 20K
C7859 1000P
C5651 470P
R7856 220K
C7853 0.1u
C7854 4.7u
C7855 0.01u
C7856 0.01u
R7851 20K
C7858 1000P
C7852 0.01u
R7854 13K
R7858 4.7
R7852 0
R7894 0
C7862 100P
R5655 100
C7861 0.1u 25V Z
R7860 0
C7864 0.1u
R7861 4.7
C7865 4.7u
R7862 0
C7863 1u
R7859 0
D7851 DAP202U
C7866 0.1u
R7863 0
R7864 4.7
Q7855 RSS090N03
Q7856 RSS090N03
Q7857 RSS090N03
Q7858 RSS090N03
C7867 68u 16V AAPE
C7870 0.01u
L7851 6.8uH PA297WJ
C7869 68u 16V AAPE
C7871 68u 16V AAPE
R7865 100K F
R7867 18K F
R7868 20K F
R7872 470K F
C7873 0.01u
L7852 1.5uH PA293WJ
C7872 120u 10V AAPE
R7871 100KF
R7866 47K F
R7869 0
R7870 20K F
C7868 68u 16V AAPE
C7860 0.1uZ 25V
IC7852 LM2642MT
FB7855 0064TA
FB7856 0064TA
FB7857 0064TA
FB7858 0064TA
R7896 0
C7879 0.01u
R7877 13K
R7875 20K
C7881 1000P
R7878 220K
C7875 0.1u
C7876 4.7u
C7877 0.01u
C7878 0.01u
R7873 20K
C7880 1000P
C7874 0.01u
R7876 13K
R7879 4.7
R7874 0
R7895 0
C7883 0.1u 25V Z
R7880 0
C7885 0.1u
R7881 4.7
C7886 4.7u
R7882 0
C7884 1u
R7883 0
D7852 DAP202U
C7887 0.1u
R7884 0
R7885 4.7
Q7859 RSS090N03
Q7860 RSS090N03
Q7861 RSS090N03
Q7862 RSS090N03
C7888 68u 16V AAPE
C7893 0.01u
L7853 3.3uH PA295WJ
C7890 120u 10V AAPE
R7886 82K F
R7887 10K F
R7888 20K F
R7889 220KF
C7894 0.01u
L7854 2.2uH PA294WJ
C7891 120u 10V AAPE
R7893 220K F
R7890 68K F
R7891 2.7K F
R7892 20K F
C7882 0.1u Z 25V
C7889 68u 16V AAPE
P7852
MA202WJ
2 PWR_VDEF 12V 1
4 PWR_VDEF 12V 3
6 PWR_VDEF 12V 5
8 PWR_VDEF 12V 7
10 PWR_VDEF 12V 9
12 PWR_VDEF 12V 11
14 PWR_VDEF 12V 13
16 PWR_VDEF 12V 15
18 PWR_VDEF 12V 17
20 PWR_VDEF 12V 19
22 NC 12V 21
24 GND 12V 23
26 GND 12V 25
28 GND 12V 27
30 GND NC 29
32 GND GND 31
34 GND GND 33
36 GND GND 35
38 GND GND 37
40 NC GND 39
42 PWR_VBASE GND 41
44 PWR_VBASE GND 43
46 PWR_VBASE GND 45
48 PWR_VBASE GND 47
50 PWR_VBASE GND 49
52 PWR_VBASE GND 51
54 PWR_VBASE GND 53
56 PWR_VBASE GND 55
58 PWR_VBASE GND 57
60 PWR_VBASE GND 59
C7892 0.1u 25V CYF
CS POWER
DUNTKC507UJ03
(PWBXC507WJ)
H
G
F
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D
C
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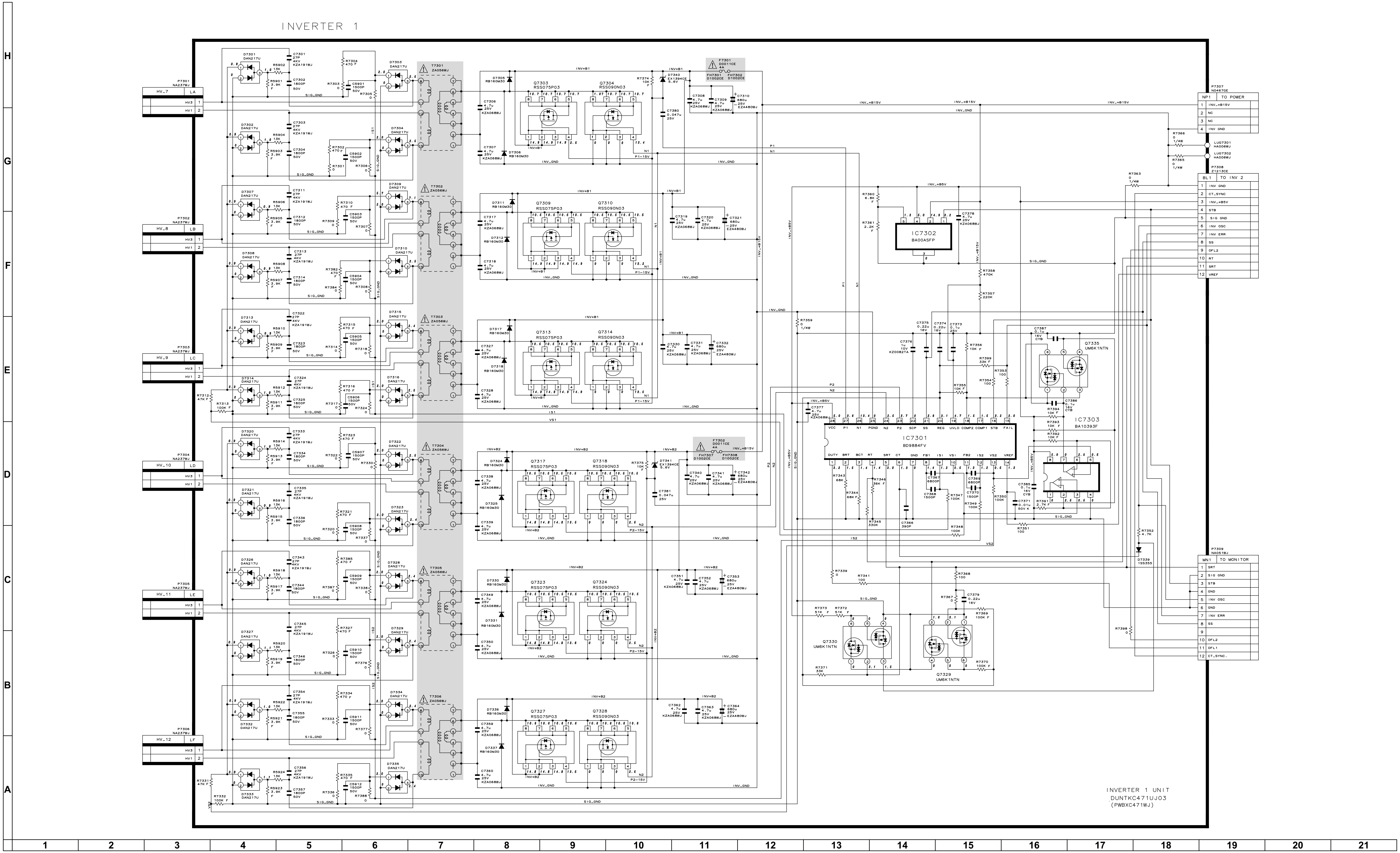
D133

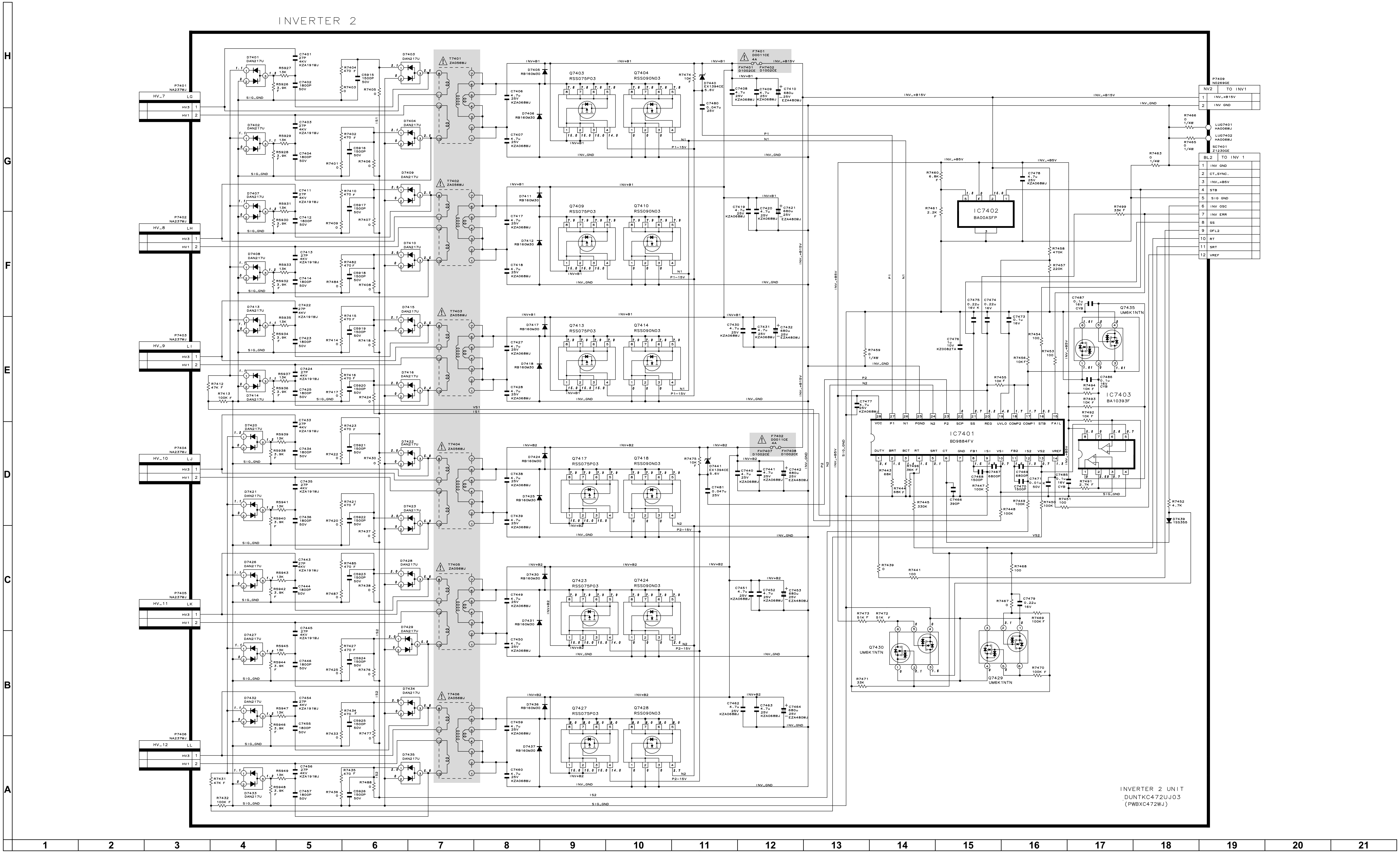
D134

■INVERTER-1 Unit (Display)


INVERTER 1
P7301 NA237WJ HV_7 LA HV3 HV1
P7302 NA237WJ HV_8 LB
P7303 NA237WJ HV_9 LC
P7304 NA237WJ HV_10 LD
P7305 NA237WJ HV_11 LE
P7306 NA237WJ HV_12 LF
T7301 ZA056WJ
T7302 ZA056WJ
T7303 ZA056WJ
T7304 ZA056WJ
T7305 ZA056WJ
T7306 ZA056WJ
Q7303 RSS075P03
Q7304 RSS090N03
Q7309 RSS075P03
Q7310 RSS090N03
Q7313 RSS075P03
Q7314 RSS090N03
Q7317 RSS075P03
Q7318 RSS090N03
Q7323 RSS075P03
Q7324 RSS090N03
Q7327 RSS075P03
Q7328 RSS090N03
F7301 D0011CE 4A
F7302 D0011CE 4A
IC7301 BD9884FV
IC7302 BA00ASFP
IC7303 BA10393F
Q7335 UM6K1NTN
Q7330 UM6K1NTN
Q7329 UM6K1NTN
P7307 NO467CE NP1 TO POWER
1 INV_+B15V
2 NC
3 NC
4 INV GND
LUG7301 HA006WJ
LUG7302 HA006WJ
P7308 Z1213CE BL1 TO INV 2
1 INV GND
2 CT_SYNC
3 INV_+B5V
4 STB
5 SIG GND
6 INV OSC
7 INV ERR
8 SS
9 OFL2
10 RT
11 SRT
12 VREF
P7309 NA051WJ MN1 TO MONITOR
1 SRT
2 SIG GND
3 STB
4 GND
5 INV OSC
6 GND
7 INV ERR
8 SS
9
10 OFL2
11 OFL1
12 CT_SYNC.
INVERTER 1 UNIT
DUNTKC471UJ03
(PWBXC471WJ)
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

D135 D136

■INVERTER-2 Unit (Display)


INVERTER 2
H
G
F
E
D
C
B
A
1
2
3
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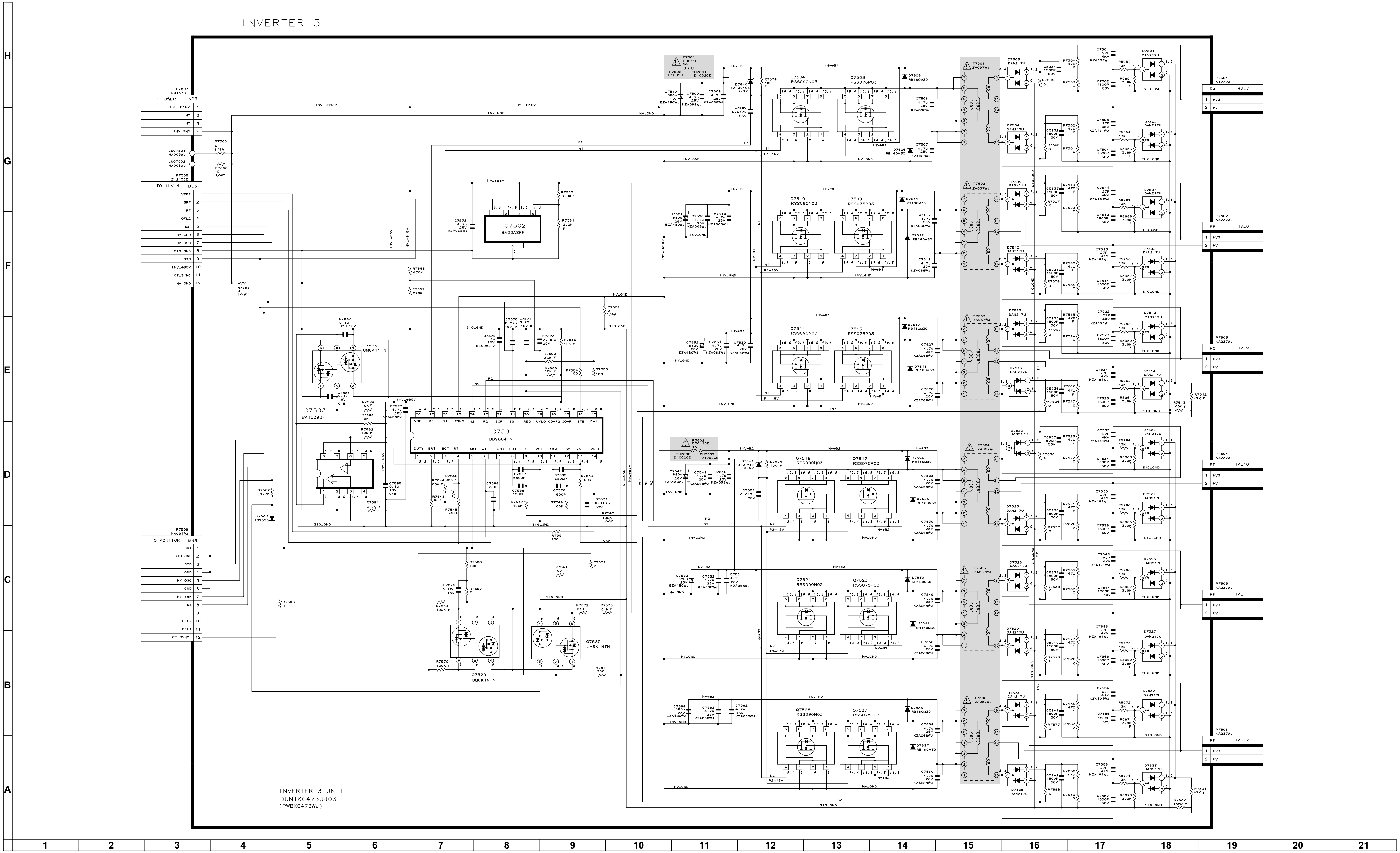
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
P7401 NA237WJ
HV_7 LG
P7402 NA237WJ
HV_8 LH
P7403 NA237WJ
HV_9 LI
P7404 NA237WJ
HV_10 LJ
P7405 NA237WJ
HV_11 LK
P7406 NA237WJ
HV_12 LL
HV3
HV1
SIG_GND
T7401 ZA056WJ
T7402 ZA056WJ
T7403 ZA056WJ
T7404 ZA056WJ
T7405 ZA056WJ
T7406 ZA056WJ
Q7403 RSS075P03
Q7404 RSS090N03
Q7409 RSS075P03
Q7410 RSS090N03
Q7413 RSS075P03
Q7414 RSS090N03
Q7417 RSS075P03
Q7418 RSS090N03
Q7423 RSS075P03
Q7424 RSS090N03
Q7427 RSS075P03
Q7428 RSS090N03
INV+B1
INV+B2
INV_GND
INV_+B15V
INV_+B5V
P1-15V
P2-15V
N1
N2
IS1
IS2
VS1
VS2
F7401 D0011CE 4A
FH7401 D1002CE
FH7402 D1002CE
F7402 D0011CE 4A
FH7407 D1002CE
FH7408 D1002CE
D7440 EX1394CE 5.6V
D7441 EX1394CE 5.6V
P7409 NO269GE
NV2 TO INV1
INV_+B15V
INV GND
LUG7401 HA006WJ
LUG7402 HA006WJ
SC7401 Z1230GE
BL2 TO INV 1
INV GND
CT_SYNC.
INV_+B5V
STB
SIG GND
INV OSC
INV ERR
SS
OFL2
RT
SRT
VREF
IC7402 BA00ASFP
IC7401 BD9884FV
VCC P1 N1 PGND N2 P2 SCP SS REG UVLO COMP2 COMP1 STB FAIL
DUTY BRT BCT RT SRT CT GND FB1 IS1 VS1 FB2 IS2 VS2 VREF
IC7403 BA10393F
Q7435 UM6K1NTN
Q7430 UM6K1NTN
Q7429 UM6K1NTN
D7439 1SS355
INVERTER 2 UNIT
DUNTKC472UJ03
(PWBXC472WJ)

D137 **D138**

■INVERTER-3 Unit (Display)


INVERTER 3
H
G
F
E
D
C
B
A
1
2
3
4
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6
7
8
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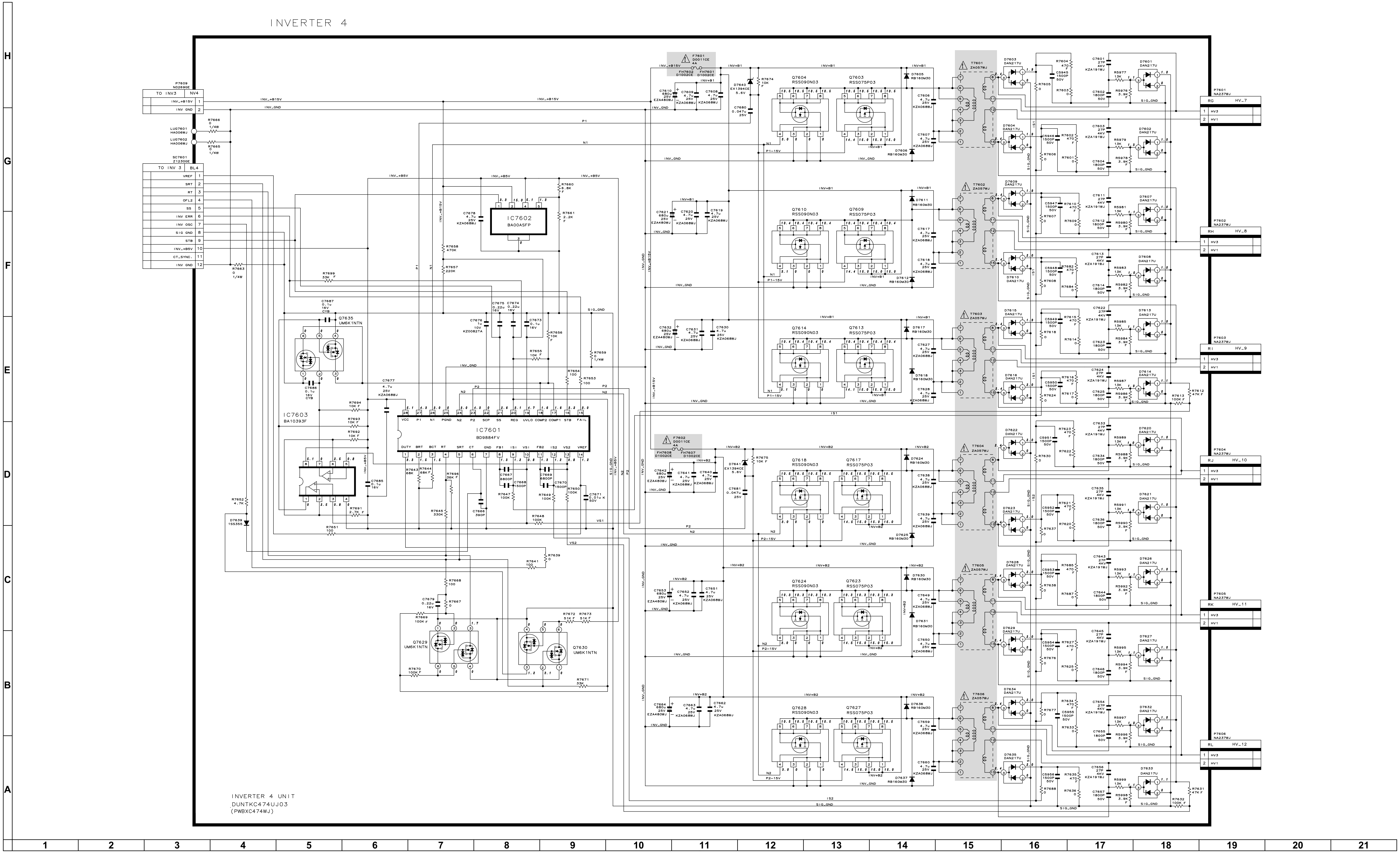
10
11
12
13
14
15
16
17
18
19
20
21
P7507
N0467GE
TO POWER
NP3
INV_+B15V
NC
INV GND
LUG7501
HA006WJ
LUG7502
HA006WJ
R7566
R7565
1/4W
P7508
Z1213CE
TO INV 4
BL3
VREF
SRT
RT
OFL2
SS
INV ERR
INV OSC
SIG GND
STB
INV_+B5V
CT_SYNC
INV GND
R7563
INV_GND
P1
N1
P2
N2
IC7502
BA00ASFP
C7578
R7560
6.8K F
R7561
2.2K F
R7558
470K
R7557
220K
C7587
Q7535
UM6K1NTN
C7586
IC7503
BA10393F
R7594
R7593
R7592
R7591
C7585
C7577
IC7501
BD9884FV
VCC
P1
N1
PGND
N2
P2
SCP
SS
REG
UVLO
COMP2
COMP1
STB
FAIL
DUTY
BRT
BCT
RT
SRT
CT
GND
FB1
IS1
VS1
FB2
IS2
VS2
VREF
C7576
C7575
C7574
C7573
R7556
R7599
R7555
R7554
R7553
R7559
SIG_GND
R7544
R7546
R7543
R7545
C7566
C7567
C7568
C7569
C7570
R7547
R7549
R7550
C7571
R7548
R7551
R7552
4.7K
D7539
1SS355
P7509
NA051WJ
TO MONITOR
MN3
SRT
SIG GND
STB
GND
INV OSC
GND
INV ERR
SS
OFL2
OFL1
CT_SYNC
R7568
C7579
R7567
R7569
R7570
Q7529
UM6K1NTN
Q7530
UM6K1NTN
R7572
R7573
R7571
R7541
R7539
R7598
VS1
VS2
IS1
IS2
F7501
D0011CE
4A
FH7502
D1002CE
FH7501
D1002CE
F7502
D0011CE
4A
FH7508
D1002CE
FH7507
D1002CE
INV+B1
INV+B2
D7540
EX1394CE
5.6V
D7541
EX1394CE
5.6V
R7574
R7575
C7510
C7509
C7508
C7580
C7581
Q7504
RSS090N03
Q7503
RSS075P03
Q7510
RSS090N03
Q7509
RSS075P03
Q7514
RSS090N03
Q7513
RSS075P03
Q7518
RSS090N03
Q7517
RSS075P03
Q7524
RSS090N03
Q7523
RSS075P03
Q7528
RSS090N03
Q7527
RSS075P03
D7505
D7506
D7511
D7512
D7517
D7518
D7524
D7525
D7530
D7531
D7536
D7537
RB160M30
P1-15V
P2-15V
T7501
T7502
T7503
T7504
T7505
T7506
ZA057WJ
D7503
D7504
D7509
D7510
D7515
D7516
D7522
D7523
D7528
D7529
D7534
D7535
DAN217U
D7501
D7502
D7507
D7508
D7513
D7514
D7520
D7521
D7526
D7527
D7532
D7533
C7501
C7503
27P
4KV
KZA191WJ
C7502
1800P
50V
C5931
1500P
50V
R5952
13K
R5951
3.9K
R7512
47K F
R7513
100K F
R7531
47K F
R7532
100K F
P7501
NA237WJ
RA
HV_7
P7502
RB
HV_8
P7503
RC
HV_9
P7504
RD
HV_10
P7505
RE
HV_11
P7506
RF
HV_12
HV3
HV1
SIG_GND
INVERTER 3 UNIT
DUNTKC473UJ03
(PWBXC473WJ)

D139

D140

■INVERTER-4 Unit (Display)


INVERTER 4
H
G
F
E
D
C
B
A
P7609 N0269GE
TO INV3 NV4
INV_+B15V
INV GND
LUG7601 HA006WJ
LUG7602 HA006WJ
SC7601 Z1230GE
TO INV 3 BL4
VREF
SRT
RT
OFL2
SS
INV ERR
INV OSC
SIG GND
STB
INV_+B5V
CT_SYNC.
INV GND
IC7602 BA00ASFP
IC7601 BD9884FV
IC7603 BA10393F
Q7635 UM6K1NTN
Q7629 UM6K1NTN
Q7630 UM6K1NTN
F7601 D0011CE 4A
F7602 D0011CE 4A
Q7604 RSS090N03
Q7603 RSS075P03
Q7610 RSS090N03
Q7609 RSS075P03
Q7614 RSS090N03
Q7613 RSS075P03
Q7618 RSS090N03
Q7617 RSS075P03
Q7624 RSS090N03
Q7623 RSS075P03
Q7628 RSS090N03
Q7627 RSS075P03
T7601 ZA057WJ
T7602 ZA057WJ
T7603 ZA057WJ
T7604 ZA057WJ
T7605 ZA057WJ
T7606 ZA057WJ
P7601 NA237WJ RG HV_7
P7602 NA237WJ RH HV_8
P7603 NA237WJ RI HV_9
P7604 NA237WJ RJ HV_10
P7605 NA237WJ RK HV_11
P7606 NA237WJ RL HV_12
HV3
HV1
SIG_GND
INVERTER 4 UNIT
DUNTKC474UJ03
(PWBXC474WJ)
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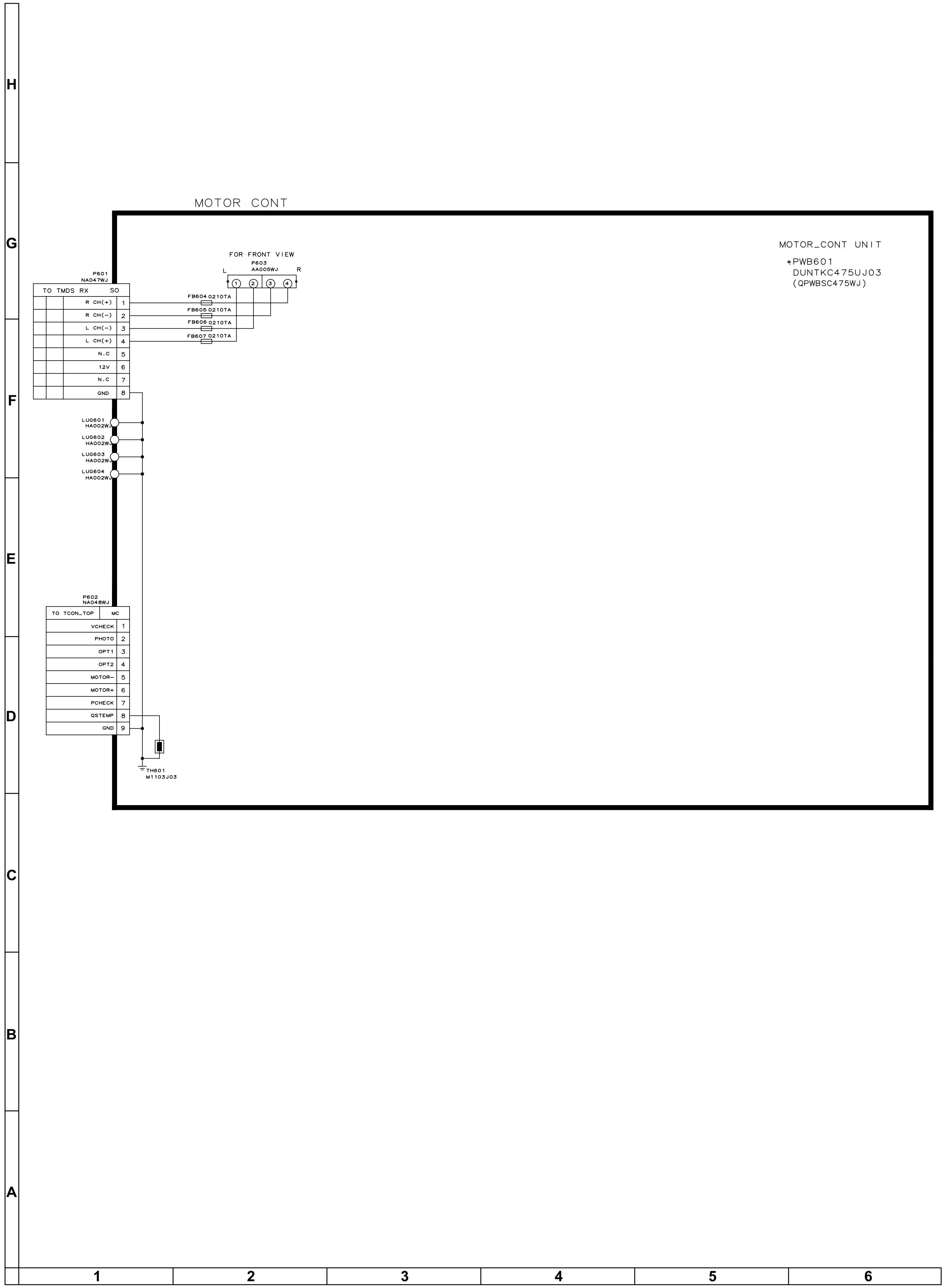
D141

D142

■MOTOR_CONT Unit (Display)


H
G
F
E
D
C
B
A
MOTOR CONT
MOTOR_CONT UNIT
*PWB601
DUNTKC475UJ03
(QPWBSC475WJ)
FOR FRONT VIEW
P603
AA005WJ
L
R
1
2
3
4
P601
NA047WJ
TO TMDS RX
SO
R CH(+) 1
R CH(−) 2
L CH(−) 3
L CH(+) 4
N.C 5
12V 6
N.C 7
GND 8
FB604 0210TA
FB605 0210TA
FB606 0210TA
FB607 0210TA
LUG601
HA002WJ
LUG602
HA002WJ
LUG603
HA002WJ
LUG604
HA002WJ
P602
NA048WJ
TO TCON_TOP
MC
VCHECK 1
PHOTO 2
OPT1 3
OPT2 4
MOTOR− 5
MOTOR+ 6
PCHECK 7
QSTEMP 8
GND 9
TH601
M1103J03
1
2
3
4
5
6